

Chemical Products for Construction



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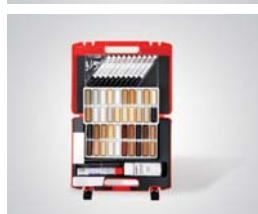
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General usage instructions for sealants:

Silicone sealant base:

Our single component silicone sealants harden under the influence of air humidity and have the following properties:

- High elasticity level, in accordance with EN 26927
- Good bonding properties
- Sealed and easy-to-clean surface
- High resistance to weather and ageing
- Good UV resistance
- And temperature resistance of at least 160 °C

The silicone sealants cannot be painted over or varnished. The silicone sealants are designed for sealing expansion connection and movement joints and are used in the most varied areas of applications.

Due to the variety of possible applications, the sealant should be tested in each individual usage case to ensure that it is suitable and effective. Silicone sealant compounds (excluding silicone MC) contain plasticisers. If the sealant comes into contact with materials that tend to absorb or release plasticisers, damage may be caused to the sealant or substrate. Products of this nature include some soft synthetic materials, strips of synthetic material, adhesive tapes, other sealants, tar, bitumen, etc. With marble, sandstone, and similarly absorptive, sensitive substrates the edge zones may become soiled. Joints affected by mechanical factors, chemicals, or severe moisture are maintenance joints according to DIN 52460.

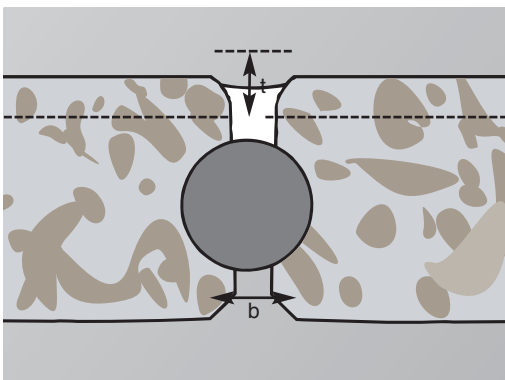
1. Substrate:

The surfaces contacting the sealant must be sustainable, dry, and clean, free from dust, dirt, rust, oil, and similar materials.

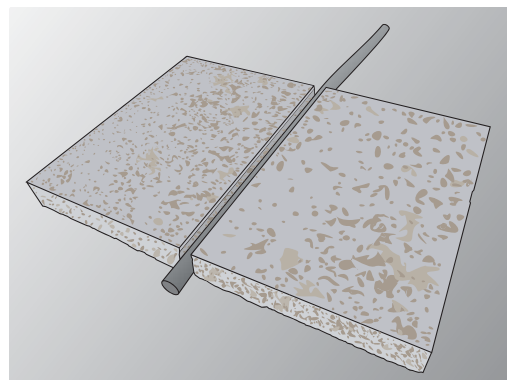


2. Joint Dimensions and 3-Edge Adhesion:

The dimensions of the joint must be taken into account and the joint must be about half as deep as it is wide, but at least 6 mm. In order to avoid 3-edge adhesion and the stress cracks associated with this, a PE backer cord must be inserted into the joint.



Joint depth (t) = ½ joint width
Minimum joint width (b) = 6 mm
Maximum joint width (b) = 20 mm



3. Priming:

In order to ensure that the sealant will adhere to absorptive and porous substrates, a silicone primer (Art.-No. 6830 8299) must be used.

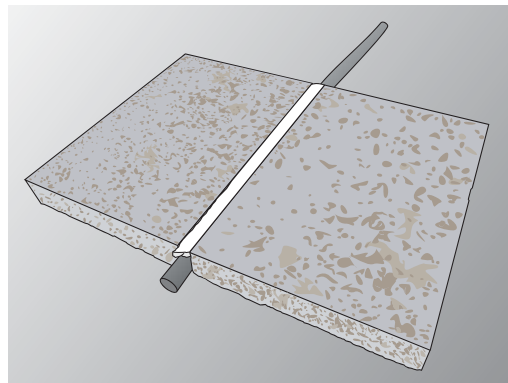


4. Smoothing the Joint:

In order to achieve a pliable and attractive joint, the sealant can be smoothed out with a smoothing agent before a skin develops. Before the sealant's skin is fully formed, it is essential to ensure that no dirt ends up on the joint surface and that the joint is not mechanically stressed.

Don't use an alkaline smoothing agent!

After the smoothing process is complete, immediately clean off any excess smoothing agent.



Note:

This information merely constitutes a set of recommendations and is based on personal experience. The respective technical data sheets must be observed! Pretests are essential!

Silicone OX **ECO**

Properties:

- Neutral silicone sealant compound, oxime-interlacing, with optimum adhesion to almost all standard building industry substrates and having good material properties
- With fungicide
- Lightweight, moisture-resistant, and weather-resistant
- Low corrosion risk with metals
- Permanently elastic in accordance with DIN EN 26927

Meets the requirements of the following standards:

- DIN 18545-2 Part E
- ISO 11600 G 25 LM

Applications:

- The material is particularly suitable for meeting the demands of glass and window construction
- Applications in handicrafts, industry, sanitation construction, building construction, metal construction, etc.
- For indoor and outdoor use
- Not suitable for aquarium construction, underwater jointing, and natural stone (e.g. marble)

Usage:



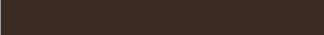
- Please consult our overview „General Usage Instructions for Sealants“ (Pages 2/100 and 2/101, 8/178 and 8/179)

Technical Data

Based on:	Neutral interlacing with oxime
Ability to absorb movement:	25 %
Skin formation time*:	approx. 8 – 15 min.
Hardening speed*:	approx. 1 – 2 mm per day
Working temperature:	+5 °C to +45 °C
Paintable:	no
With fungicide:	yes
Building material class:	B2
Storage stability:	12 months


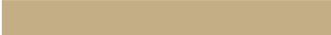
*Depending to temperature and humidity

Article No.	Article Description	QTY
6810 8230	SILICONE OX TRANSPAR.ECO 310ML	25
6810 8231	SILICONE OX WHITE ECO 310ML	25
6810 8232	SILICONE OX GREY ECO 310ML	25
6810 8233	SILICONE OX BLACK ECO 310ML	25
6810 8234	SILICONE OX BROWN ECO 310ML	25
6810 8235	SILICONE OX OAK ECO 310ML	25
6810 8236	SILICONE OX TRANSPAR.ECO 310ML	25
6810 8237	SILIC.OX.LIGHT BEECH ECO 310ML	25
6810 8605	SILIC.OX TRANS.TRANS.ECO 600ML	12
6810 8606	SILICONE OX NEUTRAL ECO 600ML	12
6810 8607	SILICONE OX WHITE ECO 600ML	12
6810 8608	SILICONE OX GREY ECO 600ML	12
6810 8610	SILICONE OX BROWN ECO 600ML	12
6810 8612	SILICONE OX TRANSP.ECO 600ML	12
6810 8613	SILICONE OX WHITE ECO 400ML	12

Colour name	Colour display*
grey	
black	
brown	

*Colour reproduction not binding



Colour name	Colour display*
oak	
Light-beech	

Silicone Neutral 4in1

- High-quality, neutral and low-emission silicone sealant (MEKO-free) with very strong adhesion on most substrates typically used in construction
- With fungicide
- Weather-resistant, light-fast and UV-resistant
- Can be easily smoothed and shaped
- Contains no acid or lye
- Permanently elastic in accordance with DIN EN 26927

Meets the requirements of the following standards:

- EN 15651-1 Façade: INT/EXT 25LM CC
- EN 15651-2 Glass: 25LM CC
- EN 15651-3 Plumbing: XS1
- EN 15651-4 Floor joints: INT/EXT 25LM CC

Areas of application:



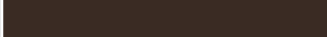
- For sealing and expansion joints in the following areas: Interior construction, window and glass construction, façade construction, sanitary and wet-rooms, metal and container construction, building connection filler, ceiling and wall, high-temperature applications
- For indoor and outdoor use
- Not suitable for aquarium construction, underwater jointing, and natural stone (e.g. marble)
- Usage:
- Please consult our overview „General Usage Instructions for Sealants“ (Pages 2/100 and 2/101)

Technical Data

Based on:	Neutral cross-linker, contains no MEKO
Ability to absorb movement:	25 %
Skin formation time*:	approx. 8 – 15 min
Hardening speed*:	approx. 1 – 2 mm per day
Working temperature:	+5 °C to +45 °C
Temperature resistance:	-60 °C to +180 °C (220 °C, briefly up to 3 hrs)
Paintable:	No
With fungicide:	Yes
Fire behaviour:	Class E
Storage stability:	12 months (at temperatures Between +5 °C and +30 °C)

*Depending to temperature and humidity

Article No.	Article Description	QTY
6810 1 310 1	C(310ML)SILIC. N 4IN1 TRANSP.	20
6810 1 310 2	C(310ML)SILICONE N 4IN1 WHITE	20
6810 1 310 3	C(310ML)SILICONE N 4IN1 BLACK	20
6810 1 310 4	C(310ML)SILICONE N 4IN1 GREY	20
6810 1 310 5	C(310ML)SILICONE N 4IN1 BROWN	20
6810 1 600 1	C(600ML)SILICONE N 4IN1 TRANSP	12

Colour name	Colour display*
grey	
black	
brown	

*Colour reproduction not binding



600 ml

Silicone MC

Characteristics:

- Neutral, oxime cross-bounded silicone sealant with best processing features and very good adhesion on most common construction substrates
- With fungicide
- Very good UV-resistance
- Compatible with marble and natural stones
- High thermal resistance up to 220 °C
- Very good to be smoothed and modeled
- Non-corrosive to metals
- Light-resistant, moisture-proof
- Permanently elastic and highly resistant to weathering

Complies with the requirements of the following standards:

- DIN 18545 group D
- ISO 11600 G – 25 HM
- Suitable for cleanrooms (Hygiene-Institut Gelsenkirchen)
- VDI 6022 (requirements for RLT-facilities)
- ISO 846 part A, B, C (Hygiene-Institut Gelsenkirchen)
- Suitable for VSG- glass¹ (IFT Rosenheim)

Fields of application:

- Due to its very high quality features this material is nearly suitable for all professional applications, e.g. in the field of sanitary facilities, loft conversions, window sealing, kitchen, industrial use, metal trade, mirror joint sealing etc.
- Can also be used for the sealing of marble and natural stones, as well as for bonding of mirrors²;
- For building interstices and expansions joints acc. to DIN 18540 for high-building joints up to 15 % expansion stress
- Very good adhesion on e.g. glass, tiles, ceramic, varnished tiles, enamel, many metals, (e.g. aluminium, steel, zinc, copper), on painted, glazed or impregnated wood and many plastic materials.
- For inside and outside use
- Not suitable for aquarium construction and underwater joint sealings

Processing:

- Please take into consideration our overview „General processing advice for sealants“ (page 2/100 and 2/101)



Technical Data


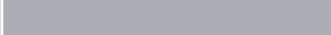

Basis:	Neutral silicone, oxime cross-bounded
Movement absorbability:	25 %
Skin formation time³:	approx. 8 – 15 min
Hardening speed³:	approx. 1 mm pro Tag
Processing temperature:	+5 °C to +45 °C
Temperature resistance:	-60 °C to +180 °C (220 °C, temporary up to max. 3 h)
Density:	approx. 1,03 ± 0,01 g/ml (transparent) approx. 1,10 ± 0,05 g/ml (coloured)
Water vapour diffusion resistance factor:	
Overpaintability:	approx. 265 µ
Fungicide-equipped:	no
Building material class:	yes
Storage stability:	B2 12 months

¹ Applies only for certain brands. The IFT test certificate must be strictly observed!

² Please refer to the technical data sheet!

³ Measured at 20 °C / 60 % RLF. Values depending on temperature and humidity.

Article No.	Article Description	QTY
6830 8200	K(300ML)SILICONE MC TRANSP. 5*	25
6830 8201	K(300ML)SILICONE MC WHITE 5*	25
6830 8202	K(300ML)SILIC.MC LIGHT GREY 5*	25
6830 8203	K(300ML)SILICONE MC MID-GREY5*	25
6830 8204	K(300ML)SILIC.MC ANTHRACITE 5*	25

Colour name	Colour display*
light grey	
middle grey	
anthracite	

*Colour reproduction not binding

Silicone Acetate Transparent **ECO**

Properties:

- Silicone sealant, acetate interlacing
- Very good adhesion to many different substrates such as glass, tiles, enamel, etc.
- Permanently elastic and wet-room resistant
- Lightfast and weatherproof

Areas of application:

- Universal use for permanently elastic sealing for handicraft and industrial applications
- For indoor and outdoor use
- Not suitable for aquarium construction, underwater jointing, and natural stone (e.g. marble)

Note:

- The low levels of acetic acid contained in the material may corrode certain metals (steel, copper) and alkaline substrates



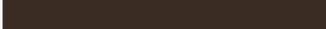
Usage:

- Please consult our overview „General Usage Instructions for Sealants“ (Pages 2/100 and 2/101)

Technical Data




Based on:	Acetate interlacing
Ability to absorb movement:	25 %
Skin formation time*:	approx. 3 – 10 min.
Hardening speed*:	approx. 2 mm a day
Working temperature:	+5 °C to +45 °C
Paintable:	no
With fungicide:	no
Building material class:	B2
Storage stability:	12 months

Article No.	Article Description	QTY
6820 8200	SILICONE ACETATE TRANSP.310ML	25
6820 8201	SILICONE ACETATE WHITE 310ML	25
6820 8202	SILICONE.ACET.CONCR.GREY 310ML	25
6820 8203	SILICONE ACETATE BLACK 310ML	25
6820 8204	SILICONE ACETATE BROWN 310ML	25
6820 8205	SILICONE ACET.MANHATTEN 310ML	25
6820 8215	SILICONE ACET.JOINT GREY 300ML	25
6820 8216	SILIC.ACET.SILVER GREY 310ML	25
6820 8600	SILICONE ACETATE TRANSP.600ML	12

Colour name	Colour display*
concrete grey	
black	
brown	

*Colour reproduction not binding



Colour name	Colour display*
manhattan	
join grey	
silver grey	

Sanitary silicone

- High-quality, acetate cross-linking, tin-free silicone sealant with excellent adhesion on most substrates typically used in construction
- Specially for use in sanitary facilities, wet rooms and kitchens
- With fungicide
- Weather-resistant, light-fast and UV-resistant
- Can be easily smoothed and shaped
- Permanently elastic in accordance with DIN EN 26927

Meets the requirements of the following standards:

- EN 15651-3 Sanitary joints: XS1
- EN 15651-1 Façade elements: INT/EXT 25LM CC
- EN 15651-2 Glass: 25LM CC

Areas of application:

- For sealing and expansion joints in the following areas: Sanitary facilities and wet rooms, kitchens, interior fittings, windows and glass, AC systems/ventilation systems, high temperature applications
- For indoor and outdoor use
- Not suitable for aquarium construction, underwater jointing, and natural stone (e.g. marble)

Usage:

- Please consult our overview „General Usage Instructions for Sealants“ (Pages 2/100 and 2/101).

Technical Data

Basis:	Acetate cross-linking
Ability to absorb movement:	25 %
Skin formation time*:	approx. 5 – 10 min
Hardening speed*:	approx. 1 – 2 mm per day
Working temperature:	+5 °C to +45 °C
Temperature resistance:	-60 °C to +180 °C (220 °C, briefly up to 3 hrs)
Paintable:	No
With fungicide:	Yes
Fire behaviour:	Class E
Storage stability:	12 months (at temperatures between +5 °C and +30 °C)

Article No.	Article Description	QTY
6820 310 1	SANITARY SILIC.TRANSF. 310ML	e 20
6820 310 2	SANITARY SILIC.WHITE 310ML	e 20
6820 310 3	SANITARY SILIC.MANH.310ML	e 20
6820 310 4	SANITARY SILIC.SILV-GREY 310ML	e 20
6820 310 5	SANITARY SILIC.SAN.GREY310ML	e 20
6820 310 6	SANITARY SILIC.ANTHR.310ML	e 20
6820 310 7	SANITARY SILIC.BAHAMAB.310ML	e 20

Colour name	Colour display*
manhattan	
silver grey	
sanitary grey	
anthracite	
bahama beige	

*Colour reproduction not binding



Power-seal Hydro

- High-grade, 1-component, water-swelling, polyurethane based sealant
- Outstanding, controlled swelling properties up to 450% in water
- Powerdicht Hydro shrinks to its initial volume when completely dry and swells up again on renewed contact with water
- Excellent resistant to chemicals

Meets the requirements of the following standards:

- DVGW VP-601

Usage:

- Suitable for concrete, metal and hard PVC
- The adhesion surfaces must be clean, free of dust and grease, water impermeable and capable of bearing load
- Standing water, cement slurry and other adhesion-reducing substances must be removed
- Fill both ends of the concrete leadthrough with 5 cm of Powerdicht Hydro. If necessary, wrap the pipe with PUR cord in the middle of the leadthrough
- Before hardening clean with whit spirit followed by mechanical cleaning
- The sealant hardens from the outside towards the inside, low temperatures and/or low humidity delay hardening

Swelling properties:

- 24 h: 150 – 200%
 - 72 h: approx. 300%
 - 144 h: 400 – 450%
- Compared to original volume



Your Advantage / Benefit

- Easy to use 1-component compound
- Water-tight and gas-tight up to 5 bar
- Adapts perfectly to the material to be sealed
- Permanently flexible once hardened

Application

- For sealing pipe and duct leadthroughs in concrete
- For fixing expanding joint sealing tape in concrete
- For sealing joints and penetrations in concrete



Technical Data

Based on:	1-C polyurethane
Consistency:	Stable paste
Skin formation:	approx. 120 min
Hardening speed:	1–2 mm in the first 24 h
Shore A hardness (DIN53505):	15 ± 5
Density (DIN 53 479):	approx. 1.37 g/ml
Tensile strength (DIN 53504):	0.60 N/mm ²
Elongation (DIN 53504):	> 800 %
Temperature resistance:	-30 °C to +90 °C
Storage (dry, between +5 °C and +25 °C):	9 months
Building material class:	B2 (normally flammable)

Article No.	Article Description	QTY
6880 30 310	C(310ML)POWER SEAL.HYDRO	e 6

High Temperature Silicone

- Elastic joint sealant, specifically for high thermic stresses up to +280 °C
- Resistant to a range of chemicals such as fuel, oil, grease, anti-freeze etc.
- Can be used to seal boilers, air conditioners, kitchen appliances, pumps, motors as well as for washing machine and dryer construction

Processing instructions:

- Adhesive surfaces have to be clean, dry, dust- and grease-free
- In case of doubt, make a contact test
- Use silicone primer (Art-No. 6830 8299) beforehand for delicate surfaces such as aluminium, copper, chrome

Technical Data

Raw material base:	silicone polymer low modulus acetate
Max. permanent movement absorption	20 %
Skin formation time:	after approx. 7 mins
Temperature resistant:	-60°C to + 280°C
Processing temperature:	+5°C to + 35°C
Colour:	rust red
Shelf life:	12 months (at temp. betw. +5°C and +25°C)

Article No.	Article Description	QTY
6990 1 310	C(310ML)HIGH-TEMPERAT.SILICONE	25



Air Duct Sealant

- Ideal for sealing purposes in air duct construction
- Corresponds to VDI 6022/1 (hygienic requirements for ventilation units)
- Antifungal and antibacterial
- Overpaintable
- Silicone-free
- Not corrosive

Applications:

- Specifically suitable to seal air ducts, air shafts, air conditioning units and ventilation units

Processing instructions:

- Joints have to be free from dust, oil and grease.
- The joint has to be protected from rain, dirt and heavy mechanical stresses for as long as it takes to form a solid surface skin.
- The joint may only be cleaned with neutral, lightly lubricating media. Never use aggressive or abrasive cleaners.
- Adherence to DIN and VDI regulations is inevitable to ensure professional processing.

Technical Data

Raw material base:	acrylate-dispersion
Skin formation:	approx. 5 min
Hardening:	approx. 2 mm per 24 h
Shore A-hardness:	30
Processing temperature:	+5 °C to + 40 °C
Temperature resistance:	-20 °C to + 75 °C
Shelf life:	18 months if stored in a cold, frost-free condition
Colour:	silver grey

Article No.	Article Description	QTY
6880 10 310	C(310ML)AIR DUCT SEALANT	25



Silicone Primer

- Improves the adhesion of silicone-sealing compounds on aspirating and porousing undergrounds e. g. concrete, wood etc.
- Avoids corrosion on bared and galvanized ferric, aluminium, stainless steel, copper, plumb etc.
- Especially used at application of acetate-systems

Article No.	Article Description	QTY
6830 8299	SILICONE PRIMER 250ML	e 24



Silicone Smoothing Agent

- For clean and even removal from fresh sealant joints such as, e.g., silicone, MS polymer, etc.

- Acid and alkali free

Usage instructions:

- After the smoothing process, remove any excess smoothing agent from the substrate
- May cause corrosion when steel parts are joined
- Discolouration may occur on absorbent substrates
- Do not apply to water-sensitive or expandable surfaces
- Preliminary tests should be performed if necessary

Art. No. 6830 8290:

- 400 ml aerosol can

Art. No. 6830 8291:

- Concentrate, can be diluted 1:10

Art. No. 6830 8295:

- Ready to use, solvent-free, sealant smoothing agent
- Produces smooth, attractive joint surfaces

Article No.	Article Description	QTY
6830 8290	SMOOTHING AGENT SPRAY DS 400ML	e 12
6830 8291	SMOOTH.AGENT SPR.CONCENTR. 1L	e 12
6830 8295	SILICONE SMOOTHING AGENT 5L	1



6830 8290

6830 8291

6830 8295

Joint Knife

- Cutting tool for elastic sealants
- Double-sided blade form and 90° chamfering makes the tool usable in forward and backward movement

Fields of application:

- For all seams in construction work
- Not suitable for cement and mortar seams

Article No.	Article Description	QTY
4765 100	JOINT KNIFE	1 f



Joint-Filler Knife

- Special plastic
- High-flexible
- Acid resistant
- For rapid and clean smoothing of silicone and acrylic joints

Article No.	Article Description	QTY
5422 140 60	JOINT-FILLER KNIFE 8.5X40MM	1
5422 140 60 3	JOINT-FILLER SET 3-PIECES	1
5422 140 60 7	JOINT-FILLER SET 7-PIECES	1



Replacement Nozzles for Cartridges

Art.-No. 6015 1000:

- For bagged goods
- With piercing device, no slicing of the bag necessary anymore

Article No.	Article Description	QTY
6015 8270	REPLACEMENT TOP F. EXCHANGE.	e 25
6015 8271	REPL.NOZZLE PLST.CARTRI.LOCKAB	e 10
6010 0010	BAG(10)CARTRI.NOZZLE TURN.360°	1
6015 1000	BAG(25)BAG NOZZLE EASY CUT	1



Nozzles for Flat Application

Suitable for flowable and pasty materials

Art.-No. 6010 0011:

- Suitable for bottles

Art.-No. 6010 0012:

- Suitable for cartridges
- Five application vents allow an application width of 20 - 75 mm depending on the individual cutting
- Lateral guiding nose-piece for better grip and round-shaped or flat outer edges, guiding nose-piece easily removable at inner edges
- Uniform application for narrow and broad surfaces by laterally positioned guiding nose-pieces

Article No.	Article Description	QTY
6010 0011	BAG(20) BOTTLE NOZZLE FLAT	1
6010 0012	BAG(20) CARTRIDGE NOZZLE FLAT	1



Join Fux

- The long handle of this joint filler removal tool will keep silicone off your fingers
- Best handling, optimal movement control when pulling up material
- Its thin tip is good for pulling sealant out of hard-to-reach corners

Available in 3 different kits:

- Art.- No. 5422 140 60 8: 5-pc. mixed size 6.5 / 8.5 / 10.0 / 12.5
- Art.- No. 5422 140 60 9: 5-pc. round
- Art.- No. 5422 140 60 10: 3-pc. angular size 6.5 / 8.5 / 10

Article No.	Article Description	QTY
5422 140 60 8	JOINT FUX 5PCE MIXED	1
5422 140 60 9	JOINT FUX 5PCE ROUND	1
5422 140 60 10	JOI.FUX 3PCE ANGUL.6.5/8.5/10	1



Round Cord Seal

- To backfill sealing and expansion joints for e.g. for window connecting joints, sanitary joints etc.
- Round cords are used to limit joint depths and to avoid a three-flank adhesion
- Due to its neutral characteristics ideal as a primer for priming surfaces
- Fine-porous, closed-cell polyethylene-foam
 - No absorption and binding of water
- For indoor and outdoor use
- Resistant against assembly foams and other sealant on silicone, polysulfide, polyurethane or polyacrylate basis
- Complies with DIN 18540
 - Foerch quality with highest application guarantee for any building sealing jobs
- Designed for 6 mm to 30 mm diameter in endless-dispenser-box
 - Ideal extraction
 - Optimised storing
- 40 mm diameter in 2.0 rods

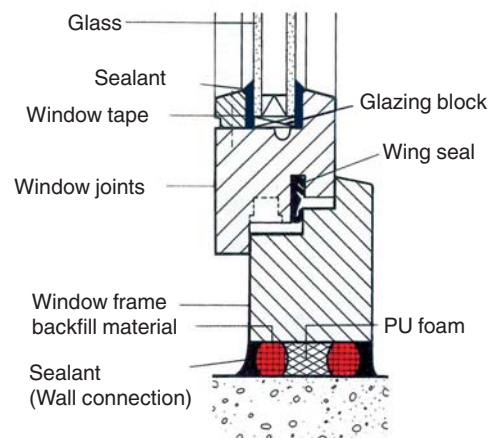
Processing advice:

- To apply into joint use blunt tool in order to prevent damage to the surface

Technical Data

Material:	closed cell polyethylene
Colour:	grey
Volume weight:	33 kg/cm ³
Temperature resistant:	-40°C to +60°C
Water absorption:	none
Fire behaviour:	flammable

Article No.	Article Description	QTY
8803 6	MTR.ROUNDCORDSEAL 6MM	H 500
8803 8	MTR.ROUNDCORDSEAL 8MM	H 500
8803 10	MTR.ROUNDCORDSEAL 10MM	H 500
8803 15	MTR.ROUNDCORDSEAL 15MM	H 500
8803 20	MTR.ROUNDCORDSEAL 20MM	f 250
8803 30	MTR.ROUNDCORDSEAL 30MM	g 125
8803 40	MTR.ROUNDCORDSEAL 40MM	135



Round Cord Seal PUR

- Fine-porous, open-cell foam **PUR** to backfill expansion joints such as window connection joints, sanitary joints etc.
- PUR foam material is easier to process as they are more compressible
- PUR - round cords are used to limit the joint depth in order to avoid three-flank adhesion
- Resistant against assembly foams and other sealant on silicone, polysulfide, polyurethane or polyacrylate
- Easy to process
- Do not use if **DIN 18540** is required
- Only for **indoor use**
- Design: all diameters in 1.0 rods

Processing advice:

- To apply into joint use blunt tool in order to prevent damage to the surface

Technical Data

Material:	open-cell PUR foam material
Colour:	grey
Volume weight:	18+-2 kg/m ³

Article No.	Article Description	QTY
8803 1 10	MTR.ROUND CORD PUR 10 MM	1500
8803 1 15	MTR.ROUND CORD PUR 15 MM	1000
8803 1 20	MTR.ROUND CORD PUR 20 MM	500
8803 1 30	MTR.ROUND CORD PUR 30 MM	250
8803 1 40	MTR.ROUND CORD PUR 40 MM	150
8803 1 50	MTR.ROUND CORD PUR 50 MM	100



Painter Acrylic

- Suitable for joint sealing with a movement absorption of up to 20 % indoors and outdoors
- Can be painted over (expansion stressed joints may not be painted over high fill emulsion paints can lead to cracks)
- Solvent-free (water-based)

Usage instructions:

- The surface must be clean, dry, sound and free of dust and grease
- Porous surfaces must be primed beforehand with a primer (mix the compound with water at a ratio of 1:1 to 1:5)
- To avoid three-edged adhesion, pre-fill joints with closed cellular PE round cord
- In case of doubt, test a small area beforehand
- Smooth with water before a skin forms



Technical Data

Temperature resistance (after curing):	-20 °C to +75 °C
Working temperature:	+5 °C to +40 °C
Time for skin forming:	approx. 7 min
Water vapour diffusion resistance factor (μ):	approx. 2,800 – 3,000
Sd value (at 8mm joint depth):	approx. 24 m
Fire behaviour:	class E
Shelf life:	1 year in unopened package, stored in cool and dry place

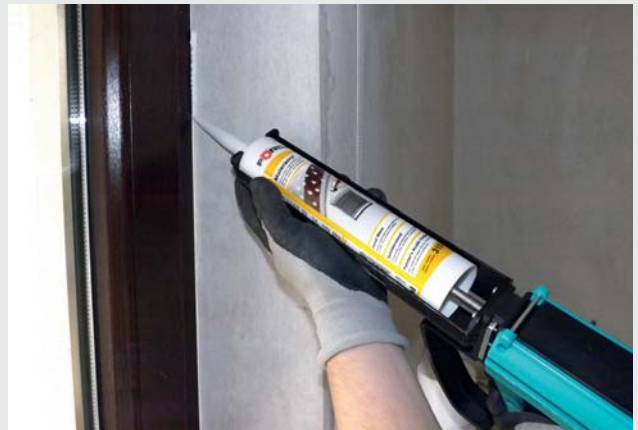
Article No.	Article Description	QTY
6840 8310	PAINTER ACRYLIC WHITE 310ML	25
6840 8311	B(600ML)PAINTER-ACRYL.WHITE	12

Your Advantage / Benefit

- Sealant for indoor and outdoor use
- Universally applicable
- Resistant to weather and UV
- Resistant to ageing

Application

- For sealing joints and frames that are not subject to large movements: between plaster, concrete, brickwork, anodised aluminium, gypsum, rigid PVC and wood e.g. for sealing joints on window sills, window joints, shutter boxes, door frames, plasterboard walls etc.
- Joining plasterboard walls, ceiling panels etc.,
- Repair works, such as filling cracks, sealing plastic pipes where they pass through walls
- Joining in paint-processing plants
- Not suitable for sanitary applications, on marble / natural stone, bituminous surfaces, PP, PE, PTFE, submersion, glass, ceramics

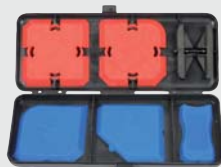


Related Products

- **Handymax Manual Cartridge-Foil Wrap Gun**
Art.-No. 6010 0006



- **Joint Smoother**
Art.-No. 5422 140 60 7



- **Smoothering Agent**
Art.-No. 6830 8290



- **Cartridge Nozzle, 360° Rotation**
Art.-No. 6010 0010



Acrylic Sealer Transparent

- For sealing Joints with low expansion
- Ageing, weather and UV-resistant
- Free of dissolver
 - Physiological credible
 - Universal applicable
- Generally overpaintable with customary colours and paints

Fields of Application:

- Repairing of cracks on brick works and plasters
- Sealing up of joints with a small stretching
- Connecting and sealing joints on interior fittings

Acrylic Sealer White / Grey / Brown

- Suitable for sealing up joints with a maximum of 7.5 % on movement admission

- For indoor and outdoor uses

Acryl Sealer Transparent

- Suitable for sealing up joints with a maximum of 5.0 % on movement admission

- Only for indoor uses

Processing advice:

- The cleaned, nonfat and dry joint should be half as much deeper (at least 6mm) than wide
- To avoid a three-flank adhesion, fill up the joints with closed cells PE-Round court
- At ground suction (e. g. wood, concrete, cement and stone etc.) the bond has to be improved by a previous coat (mixture of mass with water 1:1 up to 1:5)
- In case of doubt carry out a contact trial
- Polish with water before skin formation (approx. 5 minutes)

Art.-No. 6840 8303:

- Gets transparent while hardening process

Article No.	Article Description	QTY
6840 8300	ACRYLIC SEALER WHITE 310ML	25
6840 8301	ACRYLIC SEALER GREY 310ML	25
6840 8302	ACRYLIC SEALER BROWN 310ML	25
6840 8303	ACRYLIC SEALER TRANSP.310ML	25
6840 8624	ACRYLIC SEALER WHITE 550ML	12



Rapucryl

- High-quality, plasto-elastic, stable filler
 - Free of liquor
 - After hardening overpaintable with commercial colours and paints
- For unflashy reparation and sealing of joints with a minor in spreading at brick works and different plasters,
- Corned structure
 - Surface is corned like plaster
 - No retouch of the joint or the crack is necessary
- Ageing, weather and UV resistant after hardening
 - Applicable to interior and exterior
- Water vapour diffusion resistance μ : approx. 2,800 , 3,000

Processing advice:

- The cleaned, nonfat and dry joint should be at least 6 mm in deep and wideness
- To avoid a three-side faced adhesion fill up the closed cellular PE-string before
- On absorbing floors (e. g. wood, concrete, cement, stone etc.) the adhesion will be improved due to a pre-coating (blending of the mass with water 1:1 up to 1:5)
- In case of doubt do a contact test

Article No.	Article Description	QTY
6880 2 310	C(310ML)RAPUCRYL	25



Joint Sealing INTERIOR

Product description:

- Joint Sealing INTERIOR is a high-quality, plasto-elastic, one-component sealant on polyacrylate basis for standard window sealing acc. to RAL or ÖNORM on the inside
- Low water permeability
- Very good processability
- Solvent and silicone-free
- Fade-resistant, weather- and UV-resistant
- Waterproof after curing
- Can be covered with plaster or wallpaper

Field of application:

- Specially adjusted for the sealing system in window installation, in connection with the products Joint Sealing Foam SOFT and Joint Sealing EXTERIOR S / EXTERIOR P
- Permanent, air-tight inside sealing of joints between masonry and door or window frames
- For joints with low load between masonry, concrete, plaster and window sills, as well as roller shutter boxes
- For the sealing of metal joints, metal seams and overlaps in metal and apparatus construction industry, as well as in climatisation and ventilation technology

Processing instructions:

- The surfaces to be bonded must be sound, clean, dust- and grease-free
- Not suitable for glass, metals with risk of corroding, enamel, ceramic, underwater joint sealings, bitumen, tar, marble and natural stones
- Pre-coat highly porous surfaces with a mixture of 1/3 of Joint Sealing INTERIOR and 2/3 of water and let allow to dry for at least 60 min.
- In case of doubt, perform a contact test
- Even with water before skin formation

Technical Data

Basis:	polyacrylate
Skin formation: *	approx. 30 min
Processing temperature:	+5 °C to +40 °C
Temperature resistance:	-20 °C to +80 °C
Max. admissible total transformation (DIN EN ISO 11600):	15 %
Water vapour diffusion resistance factor (μ):	approx. 7,186
Sd-value (at 8mm joint depth)	approx. 57.5m
Colour:	white
Building material class (DIN 4102 part 1):	B2

* Measured acc. to standard climate DIN EN ISO 291 with 23°C/50% r.h. These values can vary due to environmental factors such as temperature, humidity and type of substrate.



Article No.	Article Description	QTY
6880 3 310 1	K(310ML)JOINT SEAL. INTERIOR	25

Joint Sealing EXTERIOR P

Attention:

- this version can be painted over

Product description:

- Joint Sealing EXTERIOR P is a high quality, neutrally curing, flexible hybrid-based sealant for the standard window sealing acc. to RAL or ÖNORM on the outside
- Can be painted over very well
- Weather- and UV-resistant, fade-resistant
- Very good processability starting at 0 °C
- Solvent-, isocyanate- and silicone-free

Application:

- Specially adjusted for the sealing system in window installation, in connection with the products Joint Sealing Foam SOFT and Joint Sealing INTERIOR
- All common building joints, as well as joints in high-building acc. to DIN 18540
- Connection joints between window / door frames and masonry
- Tensionless bonding of window sealing strips
- Tension compensating expansion joints between construction materials with very different expansive characteristics
- Very good adhesion on all common building substrates such as e.g. concrete, gas concrete, hard PVC, wood, metals, glass-fibre reinforced plastics, etc.
- Not suitable for PE, PP, PTFE, silicones, soft PVC, butyl rubber, EPDM rubber

Processing instructions:

- The surfaces to be bonded must be sound, clean, dust- and grease-free
- Pre-coat highly porous substrates with silicone primer
- In case of doubt, perform contact test
- Even with silicone smoother before skin formation



Technical Data

Basis:	Hybridpolymer
Skin formation: *	approx. 20 min
Hardening speed: *	3 mm in the first 24 hrs
Processing temperature:	0 °C to +40 °C
Temperature resistance:	-40 °C to +90 °C
Shore A-hardness (DIN 53505):	30 +/- 5
Max. admissible total transformation (DIN EN ISO 11600):	25 %
Water vapour diffusion resistance factor (μ):	approx. 991
Sd-Value (at 8mm joint depth)	approx. 7.9m
Colour:	white
Building material class (DIN 4102 part 1):	B2

*Measured acc. to standard climate DIN EN ISO 291 with 23°C / 50 % r.h. These values can vary due to environmental factors such as temperature, humidity and type of substrate.

Article No.	Article Description	QTY
6880 3 310 3	K(290ML)JOINT SEAL.EXTERIOR P	25
6880 3 600 3	B(600ML)JOINT SEAL.EXTERIOR P	12

Rooftight

Characteristics:

- High quality synthetic rubber sealant for expansion and connection joints specifically for pitched and flat roofs
- High elasticity
- UV and weather resistant
- Silicone-free
- Bitumen compatible
- Excellent mould resistance

Applications:

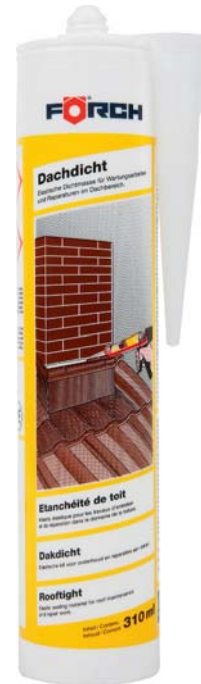
- Excellent adhesion on a range of surfaces such as wood, glass, concrete, plastics and metal e.g. titan-zinc constructions, drains and gutters and chimney surrounds
- Also suitable for wet and slightly oily surfaces

Processing instructions:

- Surfaces have to be clean and stable
- Smooth surfaces may be wet, open-pored surfaces must be dry
- If material is exposed to water for a long time it might yellow slightly, this does not effect the quality
- For extreme conditions and in case of plastics, treat with silicone primer
- Not suitable to seal glass
- Carry out a test if using standard colours and varnishes

NOTE:

- Optical impairment in case of direct application on cutting edge of bitumenline possible



Technical Data

Raw material base:	Synthetic rubber
Density:	0.95 g/cm ³
Skin formation time:	approx. 10 mins
Hardening:	about 2-3 mm/24hrs
Shore A-hardness:	25 ± 5
Volume decrease:	approx. 20%
Processing temperature:	+5°C to +40°C
Temperature resistant:	-25°C to +80°C
Shelf life:	about 24 months in original packaging at room temperature
Colour:	transparent/black/brown/grey

Bitumen Sealant

Characteristics:

- Plasto-elastic 1-component sealant based on bitumen. Suitable for sealings and stickings in the exterior area.
- Very strong adhesion on bituminous substrates, masonry, concrete, asphaltic products and metals
- Usable on the water and underwater, excellent weather resistant
- For the repair of bituminous roof substrates, overlappings and impacts of roof sheetings as well as roof breakthroughs
- Solvent-containing

Operating instructions:

- Surfaces to treated must be clean and free of dust
- Make contact tests, if necessary

Technical Data

Colour:	black
Thermal stability:	-35°C to +130°C hardened
Processing temperature:	+1°C to +30°C
Skin formation:	within 20 mins
Rain-proof:	immediately
Volume decrease:	approx. 10 %
Shelf life:	1 year in closed package when storing

Article No.	Article Description	QTY
6880 6 310	C(310ML)BITUMEN SEALER BLACK	25



Repair sealant Aqua-Stop

- weather-resistant and fibre-reinforced repair sealant
- for sealing cracks and holes
- can be used in the rain or underwater
- highest level of elasticity
- will adhere to virtually any substrates common in construction, such as aluminium, zinc, lead, glass, stone, asphalt, asbestos, bitumen felt etc.
- Applications: Sealing of lighting domes, roof guttering, chimney connections, sheet metal cladding etc.
- not suitable for expanded polystyrene or PVC

Technical Data	
Raw material base:	Synthetic rubber
Consistency:	Paste-like
Character:	Elastic
Colour:	grey
Working temperature:	-5 °C to +40 °C
Temperature resistance:	-25 °C to + 100 °C
Sealing:	Immediately water-tight
Paintable:	With acrylic paint
Shelf life:	12 month (< 60 °C, not sensitive to frost)

Article No.	Article Description	QTY
6880 11 1000	CAN(1KG)REP.SEAL.AQUA STOP GY	e 8



Power Adhesive Hybrid FÖRCH *****

Characteristics:

- 1K-Power adhesive with extremely high initial tack and ultimate strength
- Very good adhesion on almost all usual construction substrates, also damp ones
- Quick hardening
- Odourless and non-corrosive to metals
- Elastic joint (shore-A hardness approx. 70)
- Natural stone compatible
- Can be painted over when cured
- Very good UV, weathering and seawater resistance
- Isocyanate, silicone and tin-free

Complies with the requirements of the following standards:

- GEV-Emicode EC 1 plus

Fields of application:

- **System component of the FÖRCH pre-wall installation system**
- Excellent adhesion to wood, metal, natural stone, concrete, duro- and thermoplastics, polystyrene, ceramic, glass, etc.
- Particularly suitable for various applications in vehicle constructions and vehicle bodies for the bonding of sandwich panels
- For vertical and overhead applications, as well as for the bonding of panels, wooden strips, window sills, etc.
- For container building, metal trade and mechanical engineering, plastic bonding, indoor and outdoor applications, mirror bonding, as well as for the working of natural stone, etc.
- No adhesion on PE / PP

Processing:

- The surfaces to be bonded must be sound, clean, as well as grease and oil-free
- Pre-treat porous substrates with silicone undercoat or primer system
- Put the materials to be bonded together within skin formation time

Technical Data

Basis:	1K-STP
Colour:	white
Film characteristics:	elastic
Viscosity (at +20°C):	highly viscous-pasty
Density (acc. to EN 542 bei +20°C):	approx. 1.47 g/cm ³
Skin formation time (at +20°C, 50% rel. hum.):	approx. 5 min
Hardening speed (at +20°C):	approx. 3 mm (in 24 h)
Min. processing temperature:	starting at 0 °C
Temperature resistance:	-30 °C to +80 °C (short term up to +120 °C)
Storage time (dry, betw. +15°C and +25°C):	12 months
Tensile strength:	5 N/mm ²

Article No.	Article Description	QTY
6880 18 310	POWER ADHESIVE HYBRID 450G 5*	e 25
6880 18 600	POWER ADHESIVE HYBRID 870G 5*	10

Art.-No. 6880 18 600:

- incl. cartridge tip adapter and nozzle with V-weld



Sealing Adhesive MS-P

- High-quality strong adhesive, neutral 1K adhesive and sealant compound on MS polymer base
- Permanently elastic and weather-resistant
- Very good UV resistance
- Can be painted and varnished
- Neutral odour
- Free from isocyanate, silicone, and solvents
- Seawater resistant
- With fungicide

Usage instructions:

- Contact surfaces must be sustainable and clean as well as free from grease and oil
- It may be necessary to pretreat porous substrates with silicone primer or system primer
- Push together the materials to be adhered or smooth out the seal joint with a smoothing agent during the skin formation period



Technical Data

Raw material base:	MS-Polymer
Concentration:	1.54 g/ml
Skin formation time:	10 min.
Curing:	approx. 2–3 mm / 24 hrs
Shore A-hardness:	60
Ability to absorb movement:	25 %
Paintable:	yes
Working temperature:	+5 °C to +40 °C
Temperature resistance:	-40 °C to +90 °C
Shelf life (at +5 °C to +20 °C):	12 months from date of manufacture

Your Advantage / Benefit

- Suitable for use as a seal and a bond both indoors and outdoors
- Has a broad bonding spectrum, even without primer
- Will not corrode metals
- Possesses ISEGA food grade certification
- Tested in accordance with DIN EN ISO 846 process A and C (ILH Berlin)
- Tested in accordance with ISO 11600 F 20 HM

Application

- Adheres very well to wood, metal, concrete, polyester, polystyrene, hard PVC, ceramics, porcelain, glass, glazed surfaces, enamel, stone, etc.
- In wood, metal, and glass construction, in climate control and ventilation, catering areas, electronic installations, coachwork, vehicle manufacture and the food industry
- For bonding mirrors, panels, borders, window sills, and insulation materials
- Not suitable for use on PP, PE, PTFE, and bitumen as well as underwater



Article No.	Article Description	QTY
6880 9 290 1	SEALING ADHES.MS-P BROWN 435G	e 25
6880 9 290 2	SEALING ADHES.MS-P WHITE 435G	e 25
6880 9 290 3	SEALING ADHES.MS-P GREY 435G	e 25
6880 9 290 4	SEALING ADHES.MS-P BLACK 435G	e 25
6880 9 600 2	SEALING ADHES.MS-P WHITE 900G	12
6880 9 600 3	SEALING ADHES.MS-P GREY 900G	12

Sealing Glue MS-P transparent

- High-quality neutral 1K adhesive and sealant on MS polymer base
- Permanently elastic and weather-resistant
- Can be painted and varnished (not with alkyd resin varnish)
- Neutral odour
- Free from isocyanate, silicone, and solvents
- With fungicide

Usage instructions:

- Contact surfaces must be sustainable, clean and free from grease and oil
- It may be necessary to pretreat porous substrates with silicone primer or system primer
- Push together the materials to be glued or smooth the seal joint with smoothing agent during the skin formation period

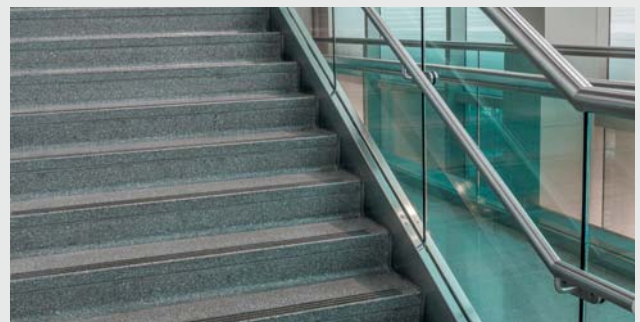


Your Advantage / Benefit

- Hardens crystal clear, is therefore especially suitable for seals or bonding in visible locations
- Broad bonding spectrum, even without primer
- Will not corrode metals
- Possesses ISEGA food grade certification
- Tested in accordance with DIN EN ISO 846 process A and C (ILH Berlin)

Application

- Adheres very well to wood, metal, concrete, various synthetic materials, polystyrene, ceramics, glass, stone, etc.
- In wood, metal, and glass construction, in climate control and ventilation, catering areas, electronic installations, coachwork, and vehicle manufacture
- Suitable for indoor and outdoor applications*
- Not suitable for use on PP, PE, PTFE, neoprene, bitumen, and natural stone as well as for underwater and outdoor building construction joints



Technical Data

Raw material base:	MS-polymere
Density:	1.06 g / ml
Skin formation:	10 min
Hardening:	approx. 2 – 3 mm / 24 h
Shore A-hardness:	38
Movement absorption capacity:	25 %
Coating compatibility:	yes
Processing temperature:	+5 °C to +40 °C
Temperature resistance:	-40 °C to +90 °C
Shelf life (from +5 °C to +20 °C):	12 months from manufacturing

Article No.	Article Description	QTY
6880 9 290	SEALING ADHES.MS-P TRANSP.295G	e 25

*If continuously subjected to UV radiation or if not exposed to enough interior light, discolouration/yellowing, or even brittleness may occur

Window Sealant

- Solvent-free firm special-polymere-paste for adhesion of FÖRCH window tapes
- For the secure connection of window tape to the structure as per RAP and EnEV 2002
- Certified by the Institute for Material Testing NRW
- Smooths out uneven surfaces

Applications:

- Suitable for surfaces such as brickwork, concrete, porous concrete, plaster and wood
- Suitable for metal, wood and plastic windows, both for new buildings as well as renovations

Processing instructions:

- Adhesive surfaces have to be clean, dry, free of ice and frost, stable and grease-free
- Very large cavities or recesses in the structure have to be filled in beforehand
- We recommend a primer made up from a mixture of window sealant with 3 parts water for heavily porous and priming surfaces
- Let primer evaporate/dry
- Apply adhesive as 10 mm thick seam without any gaps on the surface
- Press on the tape - do not press to hard
- Consider movement loop
- Adhesions are only fully resilient once fully dry
- During and after hardening, rain and wetness may have a negative effect on performance when using dispersion based sealants
- In case of doubt, make a contact test

Technical Data

Basis:	polymer dispersion
Colour:	white
Consistency:	paste-like, no running
Skin formation:	approx. 10 - 15 minutes (depending on temperature, humidity and surface)
Hardening:	about 2 - 3 mm/24 hours (at 20°C/50 % humidity)
Temperature resistant:	-30°C to +80°C
Processing temperature:	+5°C to +40°C
Shelf life:	12 months (cool, dry, frost-free)



Article No.	Article Description	QTY
6880 8 310	C(310ML)WINDOW SEALANT	e 25
6880 8 600	B(600ML)WIND.SEALANT	12

Adhesive EPDM

- For adhesion of FÖRCH EPDM-sealing webs to almost all standard surfaces such as concrete, brick, plaster, natural stone, aluminium, steel, zinc, copper, wood, tiles, styrodur etc.

- Elastic
- Stable
- Reduced level of solvent

Processing instructions:

- Adhesive surfaces have to be clean, dry, stable, dust- and grease-free
- Apply the EPDM-adhesive on the surfaces using putty knife
- Adhere the EPDM-web and roll on carefully (using a pressure roll)
- Not suitable for sealants, against pressing water as well as for surfaces made from PTFE, PE and PP
- We recommend to carry out some tests on bitumen webs or bitument paint surfaces due to the different systems available and to also secure the web mechanically

Article No.	Article Description	QTY
6880 1 600	B(600ML)SEALING GLUE EPDM	12



Technical Data

Build. mat. class acc. to DIN 4102-1:	B2
Basis:	special polymer
Colour:	black
Skin formation time:	60 mins
Hardening:	about 2 mm/24 hrs
Processing temperature:	+5 to +35°C
Temperature resistant:	-30 to +80°C
Shelf life:	12 months

Power Adhesive PU Plus

- Solvent-free, gap filling, all-purpose polyurethane assembly adhesive with particularly fast response time resulting in a viscoelastic joint
- Bubble-free and homogeneous structure
- Achieves with wood / wood bonding acc. to DIN EN 204 the stress group D4 (tested by IFT Rosenheim) and acc. to DIN EN 14257 (WATT 91) a thermal bond strength of approx. 7,6 N/mm² (tested at IFT Rosenheim)
- It has a high initial tack and is natural stone compatible, weathering resistant and can be grinded and painted over
- The adhesive shows an excellent adhesion on different wood and construction materials, ceramic, metals, duro- and thermoplastics

Fields of application:

- For the bonding of metals, wood, stone, concrete, plastic and insulation materials like PU-foam, PS-foam, rock wool and glass wool, as well as for sandwich constructions
- In the window and stair building, building trade amongst others for the fixation of supports for double floors, as well as in the assembling and various industrial fields, in specialized fields like acoustic construction, for baseboards, use of natural stones, laminate bonding, fixation of signs, etc.

Processing instructions:

- The surfaces to be bonded must be dry, dust and grease-free, remove possible parting agent residues
- Depending on the material and surface properties, sand the surfaces to be bonded
- The adhesive is moisture curing, that means, when bonding non-absorbent materials or materials with a moisture content

Technical Data

Basis:	Polyurethane
Density:	approx. 1.52 g/cm ³
Skin formation time:	2 min. (wet) - 5 min. (dry)
Functional consistency(at +20°C)	approx. 15 min.
Full hardenin:	approx. 24 hrs.
Processing temperature:	from +7°C to 30°C
Temperature resistance:	-30°C to 110°C
Film characteristic:	viscoplastic
Colour:	beige
Building material class (DIN 4104-T1):	B2
Shelf life:	12 months



Article No.	Article Description	QTY
6880 5 310 1	POWER ADHES.PU PLUS 310ML 5*	25

EasySeal Liquid Plastic FÖRCH★★★★

- 1C low-solvent liquid plastic for elastic and permanent detail waterproofing in accordance with DIN 18195
- Elastic and flexible at low temperatures
- Styrene-free
- Cures with atmospheric humidity
- Spreadable and rollable
- Alkali-resistant
- Water-pressure-tight
- Bitumen-compatible
- Can be plastered over with full-surface spreading of quartz sand



Technische Daten

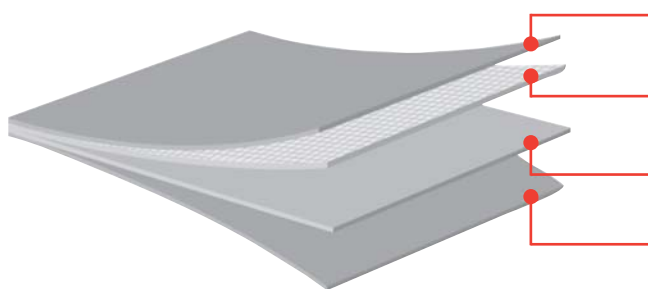
Colour:	grey
Sd value:	approx. 4 m
Rain-resistance	1 h
Coverage:	2.5 – 3.5 kg/m ²
Working temperature:	+5°C to +30°C
Elongation at fracture:	80 %
Packaging:	Metal bucket
Contents:	7.5 kg
Storage:	9 months

Your Advantage / Benefit

- Simple corner formation
- Easy to work with
- SD value: approx. 4 m
- Does not drip (high viscosity)
- Resistant to weather and UV

Application

- For sealing floor-to-ceiling windows and doors
- Creates a second water-deflecting layer underneath window sills
- Fillet sealing of component joints in basement construction and pre-cast concrete parts
- Edge joint seals on balconies and terraces
- Sealing of penetrations, light wells and skylights
- Fillet seals between metal, copper and plastic



EasySeal Liquid Plastic FÖRCH 5*
(Art.-No. 6880 40 75)

EasySeal System Matting
(Art.-No. 6880 40 110 100 / 200 / 350)

EasySeal Liquid Plastic FÖRCH 5*
(Art.-No. 6880 40 75)

EasySeal System Primer
(Art.-No. 6880 40 1000)

Article No.	Article Description	QTY
6880 40 75	7.5KG LIQUID PLAST.EASYSEAL 5*	1

Related Products

- **EasySeal System Matting**
Art.-No. 6880 40 110 100
Art.-No. 6880 40 110 200
Art.-No. 6880 40 110 350



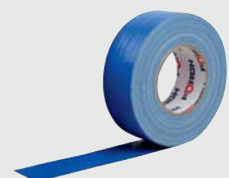
- **EasySeal System Primer**
Art.-No. 6880 40 1000



- **Flat brush solvent-containing ECO**
Art.-No. 5415 4 30



- **Adhesive textile tape, rugged**
Art.-No. 3745 2 50 1



EasySeal System Primer

- Special primer complements the EasySeal liquid plastic system
- For mineral substrates, metals, ceramic flooring and plastics
- Quick drying
- Low viscosity
- Ready to use
- Easily worked with a cloth



Technische Daten

Reworking:	After approx. 20 min
Working temperature:	+5°C to +30°C
Colour:	Transparent brown
Coverage	
Non-absorbent substrates:	30 – 50 ml/m ²
Absorbent and mineral substrates:	100 – 200 ml/m ²
Packaging:	Metal bottle
Contents:	1 l
Storage:	9 months



Article No.	Article Description	QTY
6880 40 1000	CN(1L)SYSTEM PRIMER EASY-SEAL	e 11

EasySeal System Matting

- Special alkali-resistant matting
- Complements the EasySeal liquid plastic system
- Increases the crack-resistance of the EasySeal liquid plastic seal FÖRCH 5*



Technische Daten

Delivery:	single roll
Surface weight:	110 g/m ²
Traction (lengthwise / transverse):	165 / 150 (N/5 cm)
Air permeability:	1.300 l/m ² /s

Article No.	Article Description	QTY
6880 40 110 100	RO(100M)SYST.MATTING 0,1 X100M	1
6880 40 110 200	RO(100M)SYST.MATTING 0,2 X100M	1
6880 40 110 350	RO(50M)SYST.MATTING 0,35X100M	1



6880 40 110 100



6880 40 110 200



6880 40 110 350

Power Adhesive PU Plus **FÖRCH** ★★★★★

- Solvent-free, gap filling, all-purpose polyurethane assembly adhesive with particularly fast response time resulting in a viscoelastic joint
- Bubble-free and homogeneous structure
- Achieves with wood / wood bonding acc. to DIN EN 204 the stress group D4 (tested by IFT Rosenheim) and acc. to DIN EN 14257 (WATT 91) a thermal bond strength of approx. 7.6 N/mm² (tested at IFT Rosenheim)
- It has a high initial tack and is natural stone compatible, weathering resistant and can be grinded and painted over
- The adhesive shows an excellent adhesion on different wood and construction materials, ceramic, metals, duro- and thermoplastics

Applications:

- For the bonding of metals, wood, stone, concrete, plastic and insulation materials like PU-foam, PS-foam, rock wool and glass wool, as well as for sandwich constructions
- In the window and stair building, building trade amongst others for the fixation of supports for double floors, as well as in the assembling and various industrial fields, in specialized fields like acoustic construction, for baseboards, use of natural stones, laminate bonding, fixation of signs, etc.

Processing instructions:

- The surfaces to be bonded must be dry, dust and grease-free, remove possible parting agent residues
- Depending on the material and surface properties, sand the surfaces to be bonded
- The adhesive is moisture curing, that means, when bonding non-absorbent materials or materials with a moisture content <8%, the applied adhesive has to be sprayed with water (finely dispersed) to achieve a complete hardening
- Put the parts to be bonded together within the skin formation time and press together firmly until the functional strength is reached
- In case of doubts, perform contact tests

Technical Data

Basis:	Polyurethane
Density:	approx. 1.52 g/cm ³
Skin formation time:	2 min. (wet) - 5 min. (dry)
Functional consistency(at +20°C)	approx. 15 min.
Full hardenin:	approx. 24 hrs.
Processing temperature:	from +7°C to 30°C
Temperature resistance:	-30°C to 110°C
Film characteristic:	viscoplastic
Colour:	beige
Building material class (DIN 4104-T1):	B2
Shelf life:	12 months

Article No.	Article Description	QTY
6880 5 310 1	POWER ADHES.PU PLUS 310ML 5*	25



Super Adhesive PU

- Solvent-free, moisture hardening
1K-universal adhesive on polyurethane-basis
- For interior and exterior adhesive jobs, which require good filling and sealing
- Fast and strong screwless and plugless connections of a range of materials
- Paintable

Applications:

- Suitable for wood, stone, ceramics, concrete, plastics and a range of different metals
- Suitable for metal window constructions, acoustic structure, for natural stone working, for laminate laying, for stairs, skirting boards, window sills as well as general repair and assembly adhesion

Processing instructions:

- Adhesive surfaces have to be clean, dry, stable and grease-free
- PU-adhesive reacts to humidity, foams slightly. Fills and bridges uneven surfaces and irregularities
- Immediately fix the parts together after the glue is applied. Keep them fixed together until they reach full functionality (min. 2 to 3 hours). Reaction time depends on temperature as well as air and surface humidity.
- Make contact tests, if necessary

Cleaning:

- Fresh glue can be washed off with FÖCH-PU-cleaner. Hardened sealant can only be removed mechanically



Technical Data

Raw material base:	polyurethane
Density:	1.6 g/cm ³
Skin formation time:	2 min (wet) - 5 min (dry)
Functional hardness:	approx. 18 min
Hardening:	approx. 24 hours
Processing temperature:	7 °C to 30 °C
Temperatur resistance:	-30 °C to +100 °C
Colour:	beige
Water resistance class:	D4
Building material class (DIN 4104-T1):	B 2
Shelf life (cool and dry):	12 months

Article No.	Article Description	QTY
6880 5 310	C(310ML)PU-SUP.ADHESIVE	25

Adhesive sealant 1K-PUR K126

- Strong-gripping single-component adhesive and sealant with polyurethane base
- For permanent elastic bonding and sealing
- For primed and coated metals, aluminium, wooden materials, thermosetting plastics
- For car body, container and vehicle construction, ventilation and air-conditioning technology, metal construction, etc.



Article No.	Article Description	QTY
6630 6500	ADH.SEAL.1K-PUR BK. K126 310ML	ed 24
6630 6501	ADH.SEAL.1K-PUR WH. K126 310ML	ed 24
6630 6502	ADH.SEAL.1K-PUR GR. K126 310ML	ed 24

Replacement nozzle:

- Art.-No. 6015 8270

Your Advantage / Benefit

- Can be painted over after around 45 min
- Can be applied with a brush or trowel
- Temperature resistant from -40 °C to +90 °C, briefly up to +120 °C
- Meets the requirements of the German Foods, Consumer Goods and Feedstuffs Code (German Food and Feed Code LFGB)

Application

- Apply the material to the substrate. The coating thickness depends on the composition of the materials to be glued. The counter-material must be laid and pressed on within 10 min. We recommend clamping the bond in place until it hardens completely.
- The surface must be clean, dry, and free from grease
- The adhesion and compatibility with plastics and paints must be tested for the individual objects.



Related Products

- Disposable Gloves Latex FÖRCH
Art.-No. 5405 210 1 - 4



- Paints
AGR 6210



- Curved flat brush
Art.-No. 5418 71 5



Power Adhesive Hybrid FÖRCH*****

Characteristics:

- 1K-Power adhesive with extremely high initial tack and ultimate strength
- Very good adhesion on almost all usual construction substrates, also damp ones
- Quick hardening
- Odourless and non-corrosive to metals
- Elastic joint
- Natural stone compatible
- Can be painted over when cured
- Very good UV, weathering and seawater resistance
- Isocyanate, silicone and tin-free

Complies with the requirements of the following standards:

- GEV-Ecode EC 1 plus

Applications:

- **System component of the FÖRCH pre-wall installation system**
- Excellent adhesion to wood, metal, natural stone, concrete, duro- and thermoplastics, polystyrene, ceramic, glass, etc.
- Particularly suitable for various applications in vehicle constructions and vehicle bodies for the bonding of sandwich panels
- For vertical and overhead applications, as well as for the bonding of panels, wooden strips, window sills, etc.
- For container building, metal trade and mechanical engineering, plastic bonding, indoor and outdoor applications, mirror bonding, as well as for the working of natural stone, etc.
- No adhesion on PE / PP

Processing:

- The surfaces to be bonded must be sound, clean, as well as grease and oil-free
- Pre-treat porous substrates with silicone undercoat (Art.-No. 6830 8299) or primer system (Art.-No. 6880 1000)
- Put the materials to be bonded together within skin formation time

Technische Daten

Basis:	1K-STP
Colour:	white
Film characteristics:	elastic
Shore A hardness:	approx. 70
Viscosity (at +20°C):	highly viscous-pasty
Density (acc. to EN 542 bei +20°C):	approx. 1.47 g/cm ³
Tensile strength:	5 N/mm ²
Skin formation time (at +20 °C, 50 % rel. hum.):	approx. 5 min
Hardening speed (at +20 °C):	approx. 3 mm (in 24 h)
Min. processing temperature:	starting at 0 °C (short term up to +120 °C)
Temperature resistance:	-30 °C to +80 °C
Storage time (dry, betw. +15 °C and +25 °C):	12 months

Article No.	Article Description	QTY
6880 18 310	POWER ADHESIVE HYBRID 450G 5*	e 25
6880 18 600	POWER ADHESIVE HYBRID 870G 5*	10

Scope of delivery Art. No. 6880 18 600:

- Incl. cartridge tip adapter and nozzle with V-weld



Hybrid Construction Adhesive

Properties:

- Single-component, hybrid-based adhesive with high level of initial grip
- Diverse uses
- High final tensile strength
- For absorbent and non-absorbent substrates
- Can also be used without a primer
- Odourless, neutral
- Free from isocyanates, plasticisers, solvents and silicones

Areas of application:

- Suitable for bonding diverse materials, e.g., assemblies of stone, concrete, masonry, glass, mirrors, glazed surfaces, porcelain, epoxide and polyester sheets, hard PVC, polyurethane, stainless steel, anodised aluminium, copper, zinc, lead, lacquered wood and HPL sheets
- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene, natural stone and bituminous substrates
- Not suitable for expansion joints, long-term exposure to water or chlorine

Usage:

- Contact surfaces must be firm, clean, dry, oil-free and grease-free
- Apply the adhesive in vertical strands
- Carrying out adhesion and compatibility tests before starting the work is recommended

Technische Daten

Basis:	1K-SMP
Colour:	white
Film property:	elastic
Viscosity (at +20 °C):	high viscosity, paste-like
Shore A hardness:	approx. 55
Density (according to EN 542 at +20 °C):	1,57 g/cm ³
Tensile strength:	2,20 MPa
Skin formation time (at 23 °C, 50 % rel. humidity):	approx. 15 min
Hardening speed (at 23 °C, 50 % rel. humidity):	2 – 3 mm / 24 h
Working temperature:	+5 °C to +40 °C
Temperature resistance (in hardened state):	-40 °C to +90 °C
Shelf life (dry, between +5 °C and +25 °C):	18 months



Article No.	Article Description	QTY
6880 19 310	C(450G)CONSTR. ADHESIVE HYBRID	e 25

Universal Adhesive

- **Solvent-free** compound adhesive on dispersion basis
 - Strong adhesion
 - Can be used universally
- Application with hand- or compressed air gun
 - For fitting without screws and plugs
 - Saves time and is cost-efficient
- Misture-proof when hardened
- For indoor and outdoor use
- For adhesion of skirting boards, mouldings, panels, chipboards, thresholds, hard PVC onto wood, plaster, concrete, porous concrete, steel, aluminium and plastic

Information for use:

- Not suitable for polystyrene, polyethylene, polypropylene, Bitumen, mirrors or other solvent sensitive substrates
- Not suitable for long-term exposure to water
- Process opened containers within 24 hours

Technical Data

Colour:	beige
Thermal stability:	-20 °C to +70 °C hardened
Processing temperature:	+5 °C to +30 °C
Hardening:	due to solvent evaporation
Full capacity of adhesion:	approx. 24 h at +20 °C (non-porous surfaces have longer setting times)
Shelf life:	12 month in unopened packaging if stored in a cool and dry place



Article No.	Article Description	QTY
6880 4 310	C(310ML)UNIVERSAL ADHESIVE	25

Universal Adhesive, Solvent-free

- **Solvent-free** compound adhesive on dispersion basis
 - Strong adhesion
 - Can be used universally
- Application with hand- or compressed air gun
 - For fitting without screws and plugs
 - Saves time and is cost-efficient
- Solvent-free
 - Environmentally-friendly
 - Overpaintable

Applications:

- For adhesion of skirting boards, mouldings, panels, chipboards, thresholds, hard PVC onto wood, plaster, concrete, porous concrete, steel, aluminium and plastic
- Can also be used for polystyrene

Information for use:

- Not suitable for mirror gluing, PP, PE, PTFE and bitumen as well as long-term exposure to water

Processing instructions:

- Contact tests recommended for universal adhesives (on neoprene-rubber and dispersion-basis)

Technical Data

Colour:	white
Thermal stability:	-20°C to +80°C
Processing temperature:	+5°C to +35°C
Hardening:	due to water evaporation
Full capacity of adhesion:	after approx. 168 hours (non-porous surfaces have longer setting times)
Shelf life:	18 months in unopened packaging if stored in a cool and dry place



Article No.	Article Description	QTY
6880 4 310 1	C(310ML)UNIV.ADH.SOLVENT-FREE	25

Acrylate Universal Adhesive

- **Solvent-free**, water based acrylate dispersion adhesive
 - Ready for use
 - Can be overpainted
 - Frost-proof after hardening
 - UV-resistant
- For the adhesion of tiles, Styrofoam, wooden panels, mouldings, window sills and foamed material etc. onto bricks, concrete, mortar and wood

Installation instructions:

- Not suitable for tar and bituminous substrates as well as untreated plaster and metals susceptible to corrosion and other plastics (e.g. PE and PP)
- Use tooth spatula for application

Processing instructions:

- For woods which are painted at one side (visible surface) the acrylate universal adhesive is sufficient. For unpainted surfaces (surface to be adhered) use primer.

Attention:

- Do not use in rain or fog. Water prevents the adhesion.



Article No.	Article Description	QTY
6880 12	BUCKET(12KG)ACRYLATE UNIV.ADH.	1
6880 13	BUCKET(5KG)ACRYLATE UNIV.ADHE.	1

Technical Data	
Colour	cream
Temperature resistance (cured)	-20°C to + 80°C
Processing temperature	+5°C to +40°C
Hardening	0.5 to 4 mm/day
Shore A hardness (DIN 53505)	30-50
Shelf life	24 months (dry and at +10 to +25 °C)

Adhesive for Metal 2K-PU

- 2-component reactive adhesive for bonding metal with very good adhesion to aluminium, wood, rigid-PVC and GRP
- Moisture and weather resistant
- Hard and tough

Applications:

- For bonding of aluminium corner angles and profiles in window, container and automotive industry
- For the production of sandwich elements with PS-, PU-, PVC rigid foam core

Processing:

- With duo-press gun 600 ml (Art.-No. 6010 0600 2) and static mixing tube (Art.-No. 6870 8703)
- The surfaces to be bond must be clean and dry, as well as dust- and grease-free
- Usually metals must be pretreated, may be sanded
- Apply adhesive evenly to the parts to be bonded and join together within the work time
- The bond can be slightly charged after 2 hours, final strength reached after 24 hours

Cleaning:

- Clean tools immediately after use with FÖRCH Alu Cleaner Type 60 (Art.-No. 6870 8705). Hardened material can only be mechanically removed.



Technische Daten

Colour:	beige
Tensile shear strength:	15 N/mm ²
Shore D Hardness:	approx. 65
Work time at 10°C / 20°C / 30°C:	approx. 80 min. / 45 min. / 25 min.
Processing temperature:	+15°C to +25°C
Shelf life (cool and dry):	9 months in unopened cartridge low temperatures e.g. +5° C or higher temperatures e.g. + 30° C reduces the shelf life to 6 months

Article No.	Article Description	QTY
6870 8706	ADHESIVE FOR METAL 2K-PU 600ML	e 10

Static Mixer

- Static mixer for 2K-PU metal adhesive

Article No.	Article Description	QTY
6870 8703	STATIC MIXER F.2K-METAL ADHES.	1



Duo cartridge press 600 ml

- lightweight magnesium frame
- rubberised handle for optimum grip
- specially hardened pusher block and push-rod
- corrosion-inhibiting, special black coating
- Pressure plates individually exchangeable for mixing ratios 1:1, 3:1, 10:1
- Transmission ratio 25:1

Article No.	Article Description	QTY
6010 0600 2	DUO CARTRIDGE PRESS 600ML	1



PVC Adhesive

- For constructive connections by solvent-welding of PVC hard parts of all types
- UV-resistant according to Xenon test DIN 53387
- Non-yellowing after expose to weather of more than 40 hours
- Good resistance against water, alcohol, oil and fuel
- No colour change at temperatures of up to +75 °C
- Physiologically harmless; with good chemical resistance

Fields of application:

- Especially profiled material such as drain strips, impact bars, sills and shutter parts. Also suitable for bonding ABS (pipes, plates, injection moulding parts). Not appropriate for PMMA and acrylic surfaces.

Processing:

- The parts to be treated must be dirt and grease free
- Cleaning with **FÖRCH PVC Cleaner Type 10 (Art.-No. 6870 8700)**
- Apply PVC adhesive one-sided. Join the parts together after 30 – 60 seconds at the latest and fix them for 2 – 4 minutes. Remove protruding adhesive after aeration using a scraper.

Technical Data

Colour:	white
Density:	approx. 0.98 kg/l
Consumption:	approx. 250 – 400 g/m ² surface application
Processing temperature:	+5°C to 40°C
Temperature resistance:	–25°C to +90°C
Storage:	In tightly closed container, not under +5°C and not longer than 24 months

Article No.	Article Description	QTY
6870 8704	TB(200G)PVC ADHESIVE WHITE	1 f



Residue Remover

- Device for emptying residue from tubes
- Scope of delivery: 10 pce

Article No.	Article Description	QTY
6870 8704 1	BT(10) RESIDUE REMOVER	1



Power Adhesive 2K-VA/AL K156

- Acrylic-based structural adhesive for many plated and unplated metals and technical plastics, **stainless steel, aluminium**, glass, ceramic, concrete etc...
- Replaces numerous mechanical connection and fastening methods e.g. riveting, welding and soldering etc...
- Application metals: aluminium, stainless steel, titanium, magnesium, light-metal alloys, steel, chrome steel, galvanised steel, copper, brass, bronze and painted metals etc...
- Application plastics: SMC/RTM, polyester and epoxy, laminates, phenol, resins, ABS, heavy PVC, polystyrene, PBT, PC, PMMA
- UV-resistant
- Temperature range -40 °C to +150 °C, short time to +170 °C
- High impact and racking resistance
- Working time: 6 to 10 mins. at +23 °C
- Do not process below 0 °C
- Resistant to diluted acids, alkaline substances, solvents, greases, oils and moisture
- For adhesive gaps of 0.1 mm to 2 mm

Application:

- Parts to be bonded must be clean and grease free. If necessary, roughen plastics prior to use.
- Open the seal and screw on the static mixing nozzle. Attach the plunger to the end of the cartridge and apply using a commercially available 'skeleton gun'. Join parts together immediately and fix in position. After use remove the nozzle and close the cartridge. The components must not contact each other!



Article No.	Article Description	QTY
6660 4283	SET POWER ADHES.2K-VA/AL K156	1
6660 4280	2K-VA/AL POWER ADHE.K156 150ML	e 12
6660 4281	MIX.NOZZLE F.2K-VA/AL POW.ADH.	e 10
6660 4282	PLUNGER FOR 2K-VA/AL POW.ADHE.	1

Scope of delivery, Art.-No. 6660 4283:

- 1x Art.-No. 6660 4280: 2K-VA/AL Power Adhesive K156, 150 ml
- 1x Art.-No. 6660 4281: Static Mixing Nozzle
- 1x Art.-No. 6660 4282: Plunger

Spray Adhes. Extra Strong K146 / Spray Adhes. K147

Art.-No. 6404 4000 Spray Adhesive Extra Strong K146:

- High-power adhesive with extremely high power instant adhesion
- Ideal for using on parts of the bodywork such as ceiling, covers, insulating boards etc.
- 6-way adjustable spray jet ranging from drop by drop to wide application, excellently adheres roof interiors, artificial leather / coverings, insulation sheets / mats, foam rubber, leather, cardboard, paper, vinyl, wood, glass, rubber and metal as well as painted surfaces
- **Not suitable for polystyrene**
- Colour: yellowish

Art.-No. 6400 4010 Spray Adhesive K147:

- Power adhesive with extremely high power instant adhesion
- Problem-free adhesion of internal roof linings, covers made out of plastic leather / fabric, insulating boards, textiles, foam rubber, leather, cardboard, polystyrene, vinyl, rubber etc.
- 6-way adjustable spray jet
- **Suitable for polystyrene**
- Colour: white

Article No.	Article Description	QTY
6400 4000	SPR.ADH.XTRA STRONG K146 400ML	ed 24
6400 4010	SPRAY ADHESIVE K147 400ML	ed 24



6400 4000

6400 4010

Rubber & Universal Contact Adhesive K142

- For long-term adhesion of rubber, rubber-metal connections, foam rubber, insulating material, PVC, textiles, paper, cardboard, wood, leather etc.
- Not suitable for polystyrene

Art.-No. 6400 4050:

- Tin with included brush

Article No.	Article Description	QTY
6400 4049	TB(90G)UNIVERSAL ADHESIVE K142	e 12
6400 4050	RUBB.&UNIV.CONT.ADH.K142 200G	e 6
6400 4055	UNIV.CONT.ADHESIVE K142 640G	1



Superglue K139

- Super fast high-strength cyanoacrylate adhesive
- For bonding metal, plastic and rubber parts
- With **NSF-P1-registration** for the bonding in food-contact applications

Technical Data

Colour:	transparent
Viscosity (20°C):	80 – 200 mPas
Temperature resistance:	-60 °C up to +80 °C
Max. Gap filling:	0,07 mm

Article No.	Article Description	QTY
6410 4100	BT CYANCRYLAT-ADH. K130 20G	1



2K K140 strong adhesive

- 2 component universal adhesive for easy and quick adhesion of virtually all materials to each other, apart from rubber and a few plastics
- Basis: Methacrylate



Article No.	Article Description
6660 4240	2K POWER BOND K140 50G
6660 4208	MIX. NOZZLE QUATTRO K140/K154
6660 4201	STANDARD GUN F.50ML CARTRIDGES

Your Advantage / Benefit

- Temperature-resistant from -55 °C to +120 °C
- Petrol resistant
- Short static mixing nozzle for low material loss
- Can even be reused after weeks by simply changing the static mixing nozzle
- Can be sanded after 45 mins and ready for painting
- For all adhesive application in industrial area such as vehicle building, wood industry, plastic industry, metal construction, lighting industry, electrics, machinery construction, fastening technology, conveyor technology, container building, heating and ventilation construction, industrialised building etc.

Application

- Parts to be stuck must be clean and free from grease
- Store cool and dry
- Note the processing temperature



Related Products

- **Silicone remover R507**
Art.-No. 6130 1571, 500ml tin
Art.-No. 6130 1570, 5l can



- **Disposable Gloves Latex FORCH**
Art.-No. 5405 210 1 - 4



- **Duo-Grip fine-knit gloves**
Art.-No. 5405 117 7 - 10



- **Standard Gun**
Art.-No. 6660 4201



PU adhesive Repair 2K-Speed K151

- PU synthetic 2-component adhesive anthracite
- For most synthetic plastics
- Very easy processing

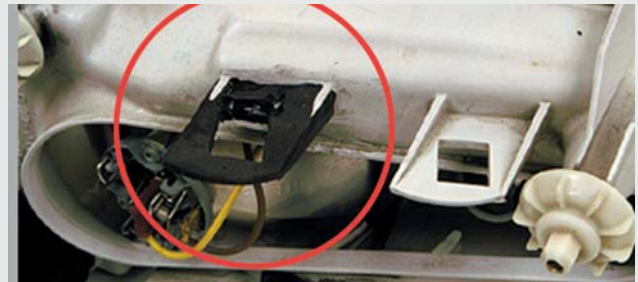


Your Advantage / Benefit

- Application possible with and **without primer**
- Extremely fast **drying time of 3-5 mins.**
- Can be ground after 10-15 min
- Stays flexible after hardening
- Overpaintable with all standard paints after 45-60 min
- Long-lasting heat resistance up to 90 °C
- Short fixed mixer nozzle for minimum loss of material
- Reusable, even after weeks, by simply exchanging the fixed mixer nozzle

Application

- Almost all plastics, fibre glass reinforced plastic (GRP) e.g. clips and supports on door panels, roof linings, interior panels, mirror casings, radiator grill, bumpers, spoilers, headlight casings, etc.
- Please take into consideration the product summary (2-component adhesive)



Technical Data

Fixed mixerLength (mm)	No. of mixing elements
80	16

Article No.	Article Description
6660 4254	2K-SPEED PU-ADH.ANTHR.K151 60G
6660 4205	MIXING NOZZLE F. 2K-(HI)-SPEED
6660 4201	STANDARD GUN F.50ML CARTRIDGES

Related Products

- **Standard Gun**
Art.-No. 6660 4201



- **Glass / paint cleaner**
1K-PUR R540 FORCH
Art.-No. 6110 1000



- **Primer for plastic adhesives K148**
Art.-No. 6660 4255



- **Repair mesh for plastic repair**
Art.-No. 6660 4256



Nut Lock Gel Blue - Medium Viscosity K118

- For securing and sealing of threaded connections
- Vibration resistant
- Outstanding media and heat resistance
- Hardening also in uncleaned locations, but the cleaner the surface, the stronger the connection will be
- Non-drip, high viscosity
- Medium strength, can be removed using Tools
- DVGW tested (DIN EN 751-1), not approved for gas domestic installations in accordance with DVGW-TRGI 2008



Technical Data

Viscosity (25°C):	2.000 – 7.500 mPas
Density (25°C):	1,05 g/cm ³
Temperature resistance:	from -55 °C to +150 °C
Max. gap filling:	0,25 mm
Breakaway torque:	17– 22 Nm
Shear strength (DIN 54452):	9 – 13 N/mm ²
Touchable consistency:	10 – 20 min
Functional consistency:	1 – 3 hrs
Final consistency:	4 – 8 hrs
Max. thread [metr]:	M36

Article No.	Article Description	QTY
6420 4153	HV-NUT LOCK GEL BLUE K118 50G	e 10

Nut Lock Blue - Medium Viscosity K120

- Super fast medium viscosity thread lock retainer
- Vibration resistant
- Excellent medium and heat resistance
- Curing even at unclean parts, but the cleaner the surface, the stronger the connection
- Medium-strength, can be disassembled with tools

Technical Data

Viscosity (25°C):	900 – 1,100 mPas
Density (25°C):	1.05 g/cm ³
Temperature resistance:	from -55 °C to +150 °C
Max. gap filling:	0,2 mm
Breakaway torque:	14 – 18 Nm
Shear strength (DIN 54452):	8 – 12 N/mm ²
Touchable consistency:	10 – 20 min
Functional consistency:	1 – 3 hrs
Final consistency:	5 – 10 hrs
Max. thread [metr]:	M24

Article No.	Article Description	QTY
6420 4150	NUT LOCK BLUE MS K120 50G	e 10
6420 4151	NUT LOCK BLUE MS K120 10ML	e 66



Wood Float

- Forms an ultra-fine, strong lubricating film well capable of creep neutralises resin
- Prevents sticking and smearing of wood processing machines with wood dust and shavings
- Cleans and lubricates catches, spindles, handwheels, retainer jaws, rods etc.
- Resistant to moisture and prevents corrosion of bare machine parts

Article No.	Article Description	QTY
6860 8500	WOOD FLOAT 5L	1
6860 8502	WOOD FLOAT 10L	1
6860 8503	WOOD FLOAT 30L	1
6860 8507	WOOD FLOAT 200L	1



Resin Remover Concentrate

- Can be diluted with water 1:2
- Removes resin deposits fast and residue-free from circular saw blades, band-saws, saw-chains, cutter heads, planer blades, augers etc

Processing advice:

- Resin remover concentrate may not be used in pressurised aluminium containers

Article No.	Article Description	QTY
6860 8550	RESIN-REMOVE-CONCENTR.5L	1

Suitable spout:

- 5 l: Art.-No. 6000 0023



Multi-Purpose Tray, Plastic

- Suitable for oil, petrol, different acids and chemicals
- With medium socket for small parts cleaning
- Pointed grommet for safe decanting

Technical Data

Volume:	9 l
Weight:	1.0 kg
Measurements HxLxW	15 x 32 x 32 cm
Material:	polyethylene

Article No.	Article Description	QTY
5421 9	MULTI-PURPOSE TRAY, PLASTIC 9L	1



Wood Cold Glue D2

- High-quality assembly adhesive in accordance with DIN/EN 204
 - High quality
- PVAC adhesive (polyvinyl acetate)
 - Free from formaldehyde, PCP, lindane, and solvents
 - Biodegradable
 - Easy disposal, not considered hazardous waste
- Short setting time for cold and hot bonding
 - Short open time
 - No unnecessary waiting times

Areas of application:

- Framework bonding
- Flat laminate bonding
- Assembly bonding
- Veneer joint and veneer bonding

Storage:

- Cold wood adhesive D2 can be stored in its original unopened packaging at +20°C for about 1 year
- Designed to be frost-resistant to -30°C
- Allow to come to room temperature and stir well before use

Note on usage:

- We recommend the use of an adhesive application tool for applying the adhesive, particularly when applying it to large surface areas
- AGR 5414 brushes are suitable for this purpose
- For covering surfaces, our plastic notched trowel, made from AGR 5422, is the perfect solution



Technical Data

Open time at +20 °C:	approx 10 min.
Pressure application period: Board joint bonding at +20 °C:	6 - 12 min.
Pressure application period: Board joint bonding at +80 °C with one side preheated:	2 - 5 min
Pressure application period: Board joint bonding in high frequency field:	20 - 25 min.
Pressure application period: Body bonding at +20 °C:	10 - 12 min.
Pressure application period: Veneer bonding at +20 °C:	12 - 15 min.
Pressure application period: Veneer bonding at +80 °C:	3 - 4 min.
Pressure application period: Surface bonding (HPL sheets) at +20 °C:	20 - 25 min.
Pressure application period: Surface bonding (HPL sheets) at +50 °C:	8 - 10 min.

Article No.	Article Description	QTY
6850 2 10	KG<10>WOOD-COLD-GLUE D2 BUCK.	10
6850 2 28	KG<28>WOOD-COLD-GLUE D2 BUCK.	28

Empty Bottle for Wood Cold Glue

Article No.	Article Description	QTY
6850 2 05 1	SPAREBOTTLE W. NOZZLE 0.5KG	1



Wood Cold Glue D3/D4

- Tested by the Institute for Window Technology in Rosenheim
 - Tested high quality, secure glueing
- Waterproof one component glue D3 according to DIN/EN 204
 - Universally applicable
- Can be increased to D4 glueing quality by adding 5% hardener for 24 hours
 - Once the drip time is over the quality regulates back to D3
- PVAC-glue (polyvinylacetate)
 - Free from formaldehyde, PCP, lindane and solvents
 - No unpleasant smell - Easy disposal, no toxic waste
- Short setting times for cold and warm glueing

Applications:

- Window, stairs and assembly glueing, surface glueing of HPL-boards, glueing of hard and exotic woods

Processing instructions:

- We recommend glueing machine to apply glue, especially for surface glueing, brushes are suitable from AGR 5414
- We recommend our plastic toothed scrapers from AGR 5422 for stripping of surfaces

Storage:

- Wood cold glue D3/D4 can be stored up to one year at +20°C in original unopened packaging
- Wood cold glue D3/D4 is frost-resistant up to -30°C
- Slowly defrost at room temperature and stir well prior to use



Technical Data

Drip-time only if D4 hardener is added:	up to 0 - 24 hrs
open period at +20°C:	6 - 10mins
Press time: Joint glueing at +20°C:	from 15 mins
Press time: Joint glueing at +50°C pre-warmed:	from 5 mins
Press time: Joint glueing at +80°C:	from 2 mins
Press time: Surface glueing (HPL-boards) at +20°C:	15 - 20 mins
Press time: Surface glueing (HPL-boards) at +50°C:	approx. 5 mins
Press time: Surface glueing (HPL-boards) at +80°C:	1 - 2 mins

Article No.	Article Description	QTY
6850 3 05	WOOD-COLD-GLUE D3/D4 0.5KG	e 12
6850 3 5	KG<5>WD-COLD-GLUE D3/D4 BUCK.	5
6850 3 10	KG<5>WD-COLD-GLUE D3/D4 BUCK.	10
6850 3 28	KG<28>WOODCOLDGLUE D3/D4 BUCK.	28

Glue Hardener D4

- When adding 5% hardener the wood cold glue D3/D4 is built-up to D4-adhesive application
- Only need to store one product to have both D3- and D4-glue

Article No.	Article Description	QTY
6850 3 700	GLUEHARDEN.D4 700ML	e 12



Measuring Cup

- Plastic cup with scale to measure the hardener precisely

Article No.	Article Description	QTY
6850 3 701	GLUEHARDEN.-MEAS.CUP	1



Glue Holder

- For applying glue and paint
- Clean, convenient removal
- Contents remain fluid
- High resistance to chemicals
- Capacity: 0.9 l
- Incl. brush

Article No.	Article Description	QTY
6850 1 09	GLUE HOLDER 0.9 LTR	1



Glue Roller

- For applying glue evenly over large surface areas
- Incl. foam rubber roller and stand
- Foam rubber roller suitable for applying the following materials: White glue, glue containing hardener, paste and other types of water-dilutable glue or adhesive

Article No.	Article Description	QTY
6850 150	GLUE ROLLER 150MM	1
6850 150 1	MOSS RUBBER ROLLER GREY 150MM	1



Glue PU D4

- Air-tight cap
 - No drying out/hardening of PU-glue
 - Longer shelf life
 - Ideal dosing
- Tested by the Institute for Window Technology in Rosenheim
 - Tested high quality
 - Secure glueing
- Moisture-hardening one-component reaction adhesive on polyurethane-basis
 - Highly water and temperature resistant
 - Waterproof as per DIN/EN 204, D4
 - Universally applicable
- Solvent-free
 - No need to etch or corrode the surface to be glued
- Good water and weather resistance
 - Individually applicable even outdoors

Applications:

- Window and door glueing
- Layer glueing of wood and wood materials
- Joint glueing for outdoors
- Joint glueing of MDF-boards
- Glueing of mineral construction boards e.g. fibreboard, fermacell
- Glueing of ceramic materials, concrete materials and hard foams

Storage:

- The PU-glue D4 can only be stored at +20 °C and only in its original unopened container for 9 months
- Store cool and dry and protect against exposure to moisture
- Use opened containers quickly

Technical Data

Open period at +20°C:	approx. 20 - 35 mins
Press time at +20°C:	from 60 mins
Press time at +40°C:	from 30 mins
Press time at +60°C:	from 10 mins
Final setting time at +20°C:	2 - 3 hrs
Final hardness at +20°C:	24 hrs

The indicated press times depend heavily on the temperature and on the level of moisture.

Article No.	Article Description	QTY
6850 5 05	PU-GLUE D4 0.5KG	e 12



Gun-applied foam Mega FÖRCH *****

- Moisture-hardening single component PU-based filling and insulating foam
- Easy to use, due to handy 500 ml can
- Meets the requirements of the assembly handbook for RAL-Gütegemeinschaften Fenster und (RAL Quality Associations Windows and External Doors) as well as the ÖNORM B5320
- Tested and approved by building authorities

Usage instructions:

- Shake the can well before use (approx. 30x)
- Lightly moistening the surface improves adhesion and curing, as well as the cell structure of the foam
- Very good adhesion to nearly all structural substrates such as concrete, stone, plaster, metal, wood, polystyrene, PUR rigid foam, polyester, and rigid PVC
- Will not bond to PE, PP, PTFE, or silicone
- A primer must be used with porous or absorbent substrates



Your Advantage / Benefit

- Fine-celled foam structure
- Very high foam yield, up to 45 litres free-foamed
- Proven sound deadening of 61 dB
- Very low emissions EMICODE®-EC 1^{Plus}

Application

- For sound deadening, filling and insulating window joints, window sill joints, pipe penetrations, wall openings, and cavities



Technical Data

Construction material classification according to DIN EN 13501-1:

Class E

Assessed joint sound deadening value:

61 dB

Thermal conductivity:

0.037 W/m*K

Tack-free:*

approx. 8 – 10 min

Cuttable:*

approx. 20 – 25 min

Working temperature for environment and substrate:

+0 °C to +30 °C

Working temperature for can:

+5 °C

Temperature resistance (cured):

-40 °C to +90 °C

Shelf life, upright at

+5 °C to +25 °C:

12 months

Colour:

grey

* at 23 °C and 50 % relative humidity

Article No.	Article Description	QTY
6800 8500	GUN-APPLIED FOAM MEGA 5*	e 12

Comparison foam structure:



Gun foam Mega FÖRCH 5*



conventional 1K-PU foam

Joint Sealing Foam SOFT

Product description:

- Moisture-curing, one component, permanently elastic filling and insulation foam based on PU
- Safety acc. to RAL and also for reconstruction work
- Officially tested and approved

Processing instructions:

- Shake can well before use (approx. 30 times)
- Slightly moisten the surface - this improves adhesion and curing
- Very good adhesion on nearly all building substrates such as concrete, stone, plaster, metal, wood, polystyrene, polyurethane foam, polyester and hard PVC
- No adhesion on PE, PP, PTFE and silicone
- For porous and absorbent substrates, please, use a primer first



Your Advantage / Benefit

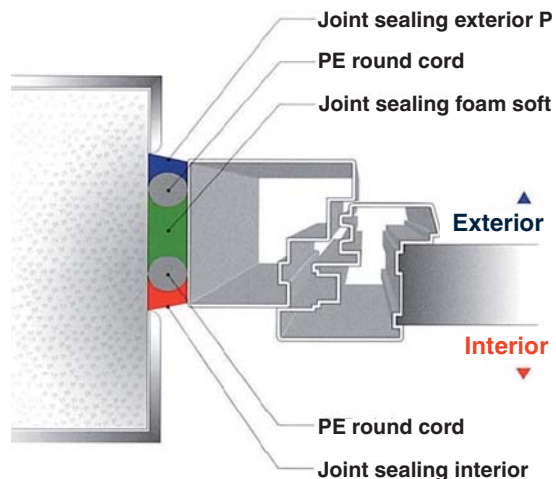
- Unique flexibility
- High movements of components are absorbed
- Prevents the risk of hairline cracks edge demolition
- Joint movement capacity up to 50 %
- Very low-emission EMICODE®-EC 1^{Plus}
- Type tested by ift Rosenheim
- Air permeability tested by ift Rosenheim

Application

- Specially adjusted for the sealing system in window installation, in connection with the products Joint Sealing INTERIOR (Art.-No. 6880 3 310 1) and Joint Sealing EXTERIOR (Art.-No. 6880 3 310 3)
- For the wind-tight connection of construction element joints difficultly accessible in the complete roof area



System Configuration



Technical Data

Foam yield:	approx. 30 l
Tack-free surface:	approx. 6 min (30 mm foam line length)
Suitable for cutting:	ca. 20 min (30 mm foam line length)
Ambient temperature:	-10°C to +40°C
Processing temperature:	+5°C to +35°C (can and adhesive surface temperature)
Temperature resistance:	-40°C to +90°C
Shelf life, upright at +5°C to +25°C:	12 months
Building material class:	B2
Water vapour permeability:	20 µ
Acoustic insulation of joints:	60db
Heat conductivity:	0.0345 w/m*k

Article No.	Article Description	QTY
6800 8160	1K-PU-JO.SEAL.FOAM SOFT 750ML	e 12

Gun Foam 1K 500 Plus SV

- Moisture-hardening 1-component polyurethane foam for damming, filling and soundproofing of window and window sill connections, tubular feedthrough, wall connection, wall penetration and cavities
- Easy to handle due to compact can
- Extremely large foam yield: approx. 45 l of foam
- Approved by building inspection authorities
- High sound insulation value: 61 dB

Processing instructions:

- Shake can well before use (approx. 20x)
- Slight moistening/spraying of surfaces improves the adhesion and hardening as well as the cell structure
- Adhesion on concrete, stone, metal and wood. No adhesion on polyethylene, silicone, PTFE and grease
- Use primer if surface is porous or priming
- Carry out contact tests

Technical Data

according to DIN 4102, part 1:	B2
Evaluated joint sound insulation:	61 dB
Foam yield:	approx. 40 l
Non-adhesive:	after approx. 10 mins
Can be cut:	after approx. 15 - 30mins
Processing temperature	
Environment and surface:	approx. -5°C to 30°C
Tin:	+5°C to +25°C
Temperature resistant (hardened):	-40°C to +90°C
Shelf life:	12 months
Colour:	yellow

* at 20 °C and 60 % relative humidity



Foam Package 500 Plus SV

Contents:

Article-No.	Article Description	Quantity
6800 8151	PU-UNIVERSALCLEANER SV 500ML	2
6800 8152	1K-PU-VOLUMEFOAM.METAL SV	1
6800 8154	1K-PU-VOLUMEFOAM.500 PLUS SV	32



Article No.	Article Description	QTY
6800P 500 1	FOAM PACKAGE 500 PLUS SV	1

Universal Cleaner PU SV

- PU-cleaner with fast-closing-adapter-system removes fresh PU-foam-dirt reliably and cleans gun
- Combi-tin with spray head for the conventional use as a spray as well as with adapter-system to clean the PU-foam gun

Article No.	Article Description	QTY
6800 8151	PU-UNIVERSALCLEANER SV 500ML	e 12



Foam Gun SV

- High-quality gun with especially screw adapter
- The foam cans can be screwed securely and quickly with just half a turn, due the quick-adapter system
- With PTFE inner coating

Article No.	Article Description	QTY
6800 8152	1K-PU-VOLUMEFOAM.METAL SV	1



Gun Foam 1K-PU 500 plus

- Moisture-hardening one-component-polyurethane-foam to insulate and fill window joints, window sill joints, pipe feedthroughs, wall joints, wall breakthroughs and hollow spaces
- Easy to handle due to short compact can
- Extremely large foam yield: approx. 45 l of foam
- General building authority approval
- High sound insulation value: 61 dB
- Complies with the requirements laid down in the specifications for installation of the RAL-Quality Association for Windows and House Doors e.V. and ÖNORM B5320
- Very low-emission Plus EMI CODE®-EC 1^{Plus}

Processing instructions:

- Shake can well before use (about 20x)
- Slight moistening/spraying of surfaces improves the adhesion and hardening as well as the cell structure
- Adhesion on concrete, stone, metal and wood. No adhesion on polyethylene, silicone, PTFE and grease
- Use primer if surface is porous or priming
- Carry out contact tests
- Water has to be added if temperatures are below freezing point

Technical Data

Building material class	B2
acc. to DIN 4102, part 1:	B2
Evaluated joint sound insulation:	61 dB
Foam yield	approx. 40 l
Non-adhesive:	after approx. 10 mins.
Can be cut:	after approx. 15 - 30 mins.
Processing temperature	-5 °C bis +30 °C
for can, environment and surface:	-5°C to +25°C
Temperature resistant (hardened):	-40°C to +90°C
Shelf life:	12 months

* at 20 °C and 60 % relative humidity

Article No.	Article Description	QTY
6800 8106	1K-PU GUN FOAM 500+GREY	16
6800 8108	1K-PU GUN FOAM 500+WHITE	16



Foam Package 500 Plus

Contents Art.-No. 6800P 500:

Article-No.	Article Description	Quantity
6800 8102 1	1K-PU-FOAM GUN ECO	1
6800 8106	1K-PU GUN FOAM 500+GREY	32
6800 8120	PU-UNIVERSAL CLEANER 500ML	2

Contents Art.-No. 6800P 500 2:

Article-No.	Article Description	Quantity
6800 8102 1	1K-PU-FOAM GUN ECO	1
6800 8108	1K-PU GUN FOAM 500+WHITE	32
6800 8120	PU-UNIVERSAL CLEANER 500ML	2

Article No.	Article Description	QTY
6800P 500	FOAM PACKAGE 500 PLUS GREY	1
6800P 500 2	FOAM PACKAGE 500 PLUS WHITE	1



1K-PU spray gun foam, 500 plus **VAROBOXX**

Contents Art.-No. 9003P 6800 8106:

Article-No.	Article Description	Quantity
6800 8104	1K-PU-FOAM GUN METAL	1
6800 8106	1K-PU GUN FOAM 500+GREY	16
9003 4	VAROBOXX SIZE:4 EMPTY	1
9004 4 1	THERMO INSERT VAROBOXX4	1

Contents Art.-No. 9003P 6800 8108:

Article-No.	Article Description	Quantity
6800 8104	1K-PU-FOAM GUN METAL	1
6800 8108	1K-PU GUN FOAM 500+WHITE	16
9003 4	VAROBOXX SIZE:4 EMPTY	1
9004 4 1	THERMO INSERT VAROBOXX4	1

Article No.	Article Description	QTY
9003P 6800 8106	VAROBOXX 1K-PU GUN FOAM GREY	1
9003P 6800 8108	VAROBOXX 1K-PU GUN FOAM WHITE	1



Gun Foam 1K-PU „S“

- Hardly inflammable, moisture-hardening one-component-polyurethane foam
- General building authority approval
- Drip-free and precise dosing with mounting gun
- CFC-free

Processing instructions:

- Shake can well before use (approx. 20x)
- Slightly moistening/spraying of surfaces improves the adhesion and hardening as well as cell structure
- Adhesion on concrete, stone, metal and wood. No adhesion on polyethylene, silicone, PTFE and grease
- Use primer if surface is porous or priming
- Contact tests are recommended

Technical Data

Build. mat. class acc. to DIN 4102, part 1:	B2
Val. joint sound-damp. dosage:	57 dB
Max. foam volume:	approx. 40 l
Foam up:	approx. 150 %
Non-stacky:	after appr. 10 mins
Can be cut:	after appr. 40 mins
(Ascertained at +20°C, 60% humidity)	
Processing temperature	+5 °C bis +25 °C
for can, environment, underground:	+5°C to +25°C
Temperature resistant (hardened):	-40°C to +90°C

* at 20 °C and 60 % relative humidity

Article No.	Article Description	QTY
6800 8101	1K-PU GUN FOAM "S" 750ML	16



PU-Universal Cleaner

- Removes PU-foam dirt reliable and cleans the mounting gun
- Combi-tin with spray head for the conventional use as a spray as well as with screw thread to clean the PU-foam gun
- Easily biodegradable, AOX-free

Article No.	Article Description	QTY
6800 8120	PU-UNIVERSAL CLEANER 500ML	ed 24



Foam Gun **FÖRCH*******

- Newly developed PU-dosing gun
- Special coating increases the temperature of the gun barrel which enables very fine foaming
- Threaded adapter with anti-adhesive coating
- With 3-fold gasket set
- Gun can be dismantled into single parts and can be cleaned
- All single parts available

Article No.	Article Description	QTY
6800 8103	1K-PU FOAM GUN METAL 5*	1



Foam Gun Accessories **FÖRCH*******

Article No.	Article Description	QTY
6800 8103 1	GASKET SET	1
6800 8103 2	THREADED NIPPLE	1
6800 8103 3	DOSING NEEDLE	1
6800 8103 4	GUN BARREL	1
6800 8103 5	GUN HANDLE	1



6800 8103 1

6800 8103 2

6800 8103 3



6800 8103 4



6800 8103 5

Applicator Gun Accessories

Art.-No. 6800 8050 1:

- Extension tube attachment for applicator gun

Art.-No. 6800 8050 2:

- Cone end attachment for applicator gun

Art.-No. 6800 8050 3:

- Tube attachment for narrow joints for applicator gun
- For narrow and difficult joint measures (5 mm)
- Flexible up to 90 degrees

Article No.	Article Description	QTY
6800 8050 1	BTL(50)TUBES FOR GUN	1
6800 8050 2	BTL(50)TIPS FOR GUN	1
6800 8050 3	BTL(50)NARROW JOINT TUBES	1



6800 8050 1



6800 8050 2



6800 8050 3



Metal Foam Gun

- High quality metal dosing gun
- Adaptor and needle are PTFE-coated
- Tapered extrusion tube for high stability
- Smoothly dosage needle adjusting screw
- Optimal handling
- Rubberized handle for secure grip

Article No.	Article Description	QTY
6800 8104	1K-PU-FOAM GUN METAL	1
6800 8140	REPLACEMENT TIP F.METAL GUN	1



Foam Gun **ECO**

- Light-weighted plastic / metal gun
- With metal trigger
- Big adjusting screw for excellent justification
- Ergonomic soft-rubberized handle

Article No.	Article Description	QTY
6800 8102 1	1K-PU-FOAM GUN ECO	1



Foam Handheld 1K-PU

- Moisture-hardening one-component-polyurethane foam to fill and insulate window joints, window sill joints, pipe feedthroughs, wall joints, wall breakthroughs and hollow spaces
- General building authority approval
- CFC-free

Processing instruction:

- Shake can well before use (approx. 20x)
- Moistening/spraying of surfaces improves the adhesion on and hardening as well as the cell structure
- Adhesion on concrete, stone, metal and wood. No adhesion on polyethylene, silicone, PTFE and grease.
- Use primer if surface is porous or priming
- Contact tests are recommended

Technical Data

Build.mat.class acc. to DIN 4102, part 1:	B2
Max. foam volume:	approx. 40 l
Foam up:	approx. 150 %
Non-adhesive*:	after approx. 10 min
Can be cut*:	after approx. 40 min
Processing temperature for tin, environment and surface	+5 °C to +25 °C
Temperature resistance (hardened)	-40 °C to +90 °C
Shelf life:	12 months

* at 20 °C and 60 % relative humidity

Article No.	Article Description	QTY
6800 8105	1K-PU FOAM HANDHELD 750ML	12



Well Foam 1K-PU

- To seal and connect wells or concrete well casings
 - Saves time-consuming mortar setting
 - Faster, time-efficient working
- Resistant against fuel, oil, water and bacteria and acids found in soil
 - individual range of use
- CFC-free
 - Environmentally-friendly
- Test certificate for water tightness

Processing instructions:

- May not be used for construction above ground

Technical Data

Fire class acc. to DIN 4102, part 1:	B3
Foam yield:	approx. 40 l of foam
Non-adhesive:	after approx. 10 min
Can be cut:	after approx. 40 min
Processing temperature for tin, Environment and surface:	+5 °C to +25 °C
Temperature resistance (hardened):	-40 °C to +90 °C (+120 °C max. 1 h)
Shelf life:	12 months

Article No.	Article Description	QTY
6800 8132	1K-PU WELL FOAM G.A. 750ML	12
6800 8133	1K-PU WELL FOAM - PIPE 750ML	12



Gun foam 1K-PU B1

- Flame resistant, moisture-hardening 1-component polyurethane foam
- General building authority approval
- Can be dosed exactly without drips from the assembly gun
- Hardly inflammable between massive mineral or metallic materials, joint depth and width up to 40 mm

Processing instructions:

- Shake can well before use (approx. 20x)
- Slight moistening / spraying of surfaces improves the adhesion and hardening as well as the cell structure
- Adhesion on concrete, stone, metal and wood. No adhesion on polyethylene, silicone, PTFE and grease
- Use primer if surface is porous or absorbent
- Contact tests are recommended

Technical Data

Build. mat. class acc. to DIN 4102, part 1: B1

Foam yield: approx. 45 l

Can be cut: after approx. 40 mins.

Processing temperature for can, environment and substrate: +5°C to +25°C

Temp. resistant (hardened): -40°C to +90°C

Colour: pink

Shelf life: 12 months

* at 20 °C and 60 % relative humidity

Article No.	Article Description	QTY
6800 0538	1K-PU GUN FOAM B1 750ML	12



Perimeter adhesive foam

- 1-part polyurethane adhesive foam for mounting rigid PS foam boards as perimeter insulation in basements
- Excellent heat insulation
- Exceptional dimensional stability
- Exceptional adhesion of insulation panels to conventional surfaces, such as concrete, bitumen sheeting or bitumen thick coatings
- Quick and easy delivery and handling with a foam gun

Usage instructions:

- Contact surfaces must be sound, clean, dry, dust-free and grease-free
- Screw the can onto the gun with the valve facing upwards and shake vigorously
- Place the bottom row of insulating panels on a firm surface
- Apply lines of adhesive vertically, spaced approx. 25 cm apart, on the wall or panel
- Allow adhesive to sink in (between 2 and 10 min), firmly press panel onto basement wall
- Seal open joints in the insulation with adhesive
- The final strength of the adhesive is achieved by the pressure applied by the backfilled soil. The backfilling should take place within 14 days of applying the adhesive.
- Not suitable for applications in groundwater areas (due to pressing water)

Technical Data

Construction material class in accordance with DIN 4102 Part 1: B2

Basis: Polyurethane

Colour: Mint green

Tack-free time of surface: After approx. 10 min

Cutttable: After approx. 30 min

Coverage: Approx. 13 m² wall area

Working temperature: +5 °C to +35 °C

Temperature resistance: -40 °C to +90 °C

Shelf life: 12 months



Article No.	Article Description	QTY
6800 8109	INSULAT.BOARD-ADHESIVE750ML	e 12

Platform Roof Adhesive Foam

- Moisture-curing 1K-PU adhesive foam for efficient, clean, economical, durable and safe bonding of thermal insulation boards
- Tested acc. to the requirements of ETAG-006-guideline
- Can be processed from -5°C ambient temperature and +5°C can temperature
- Reduced post-expansion
- No mechanical fixing required
- Also for vertical and overhead bondings
- Economical in use (approx. 14 m²/800-ml-can)
- Ideal for the bonding of polystyrene (EPS+ XPS) and PIR / PUR rigid foam panels for flat roofs and perimeter area, facade insulation, as well as for dry construction, basement ceiling insulation, and the bonding of non-bearing gas-concrete blocks
- Suitable for most building substrates such as sanded bitumen sheets, corrosion-protected steel sheets, fiber cement panels, gas-concrete, chipboards, hard PVC, stone, plaster, wood, bitumen thick coatings and emulsion paints
- Thermal conductivity of 0.035 W / (m x K) as ideal complement to the thermal insulation of insulation boards when doing the joint filling

Processing instructions:

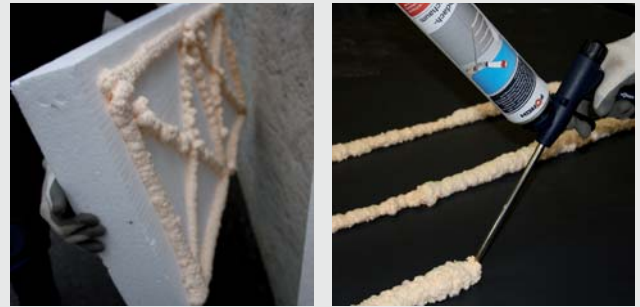
- Refer to the instructions of the insulation material manufacturers
- Please refer to our technical data sheet on foerch.com/datasheets



Your Advantage / Benefit

- Time savings up to 30 %
- Clean processing
- Universal adhesive range with high Initial tack
- Evens out unevenness in an optimum way
- Ideal for bonding polystyrene (EPS + XPS) and PIR / PUR rigid foam

Application



Technical Data

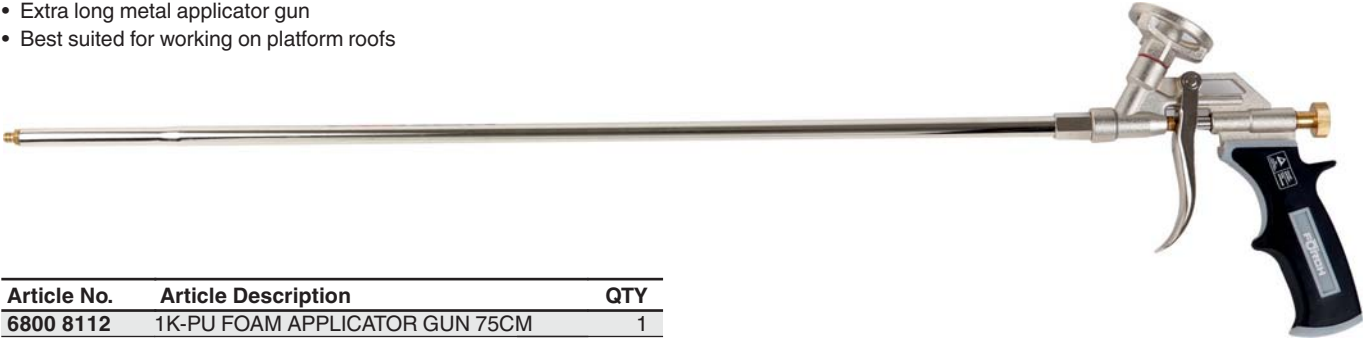
Basis:	1K-polyurethane
Tack-free surface:	approx. 8 min (30 mm foam line length)
Fully chargeable:	approx. 12 h (30 mm foam line length)
Heat conductivity (DIN 52612):	approx. 0.035 W / (m x K)
Tensile strength (DIN EN 1607):	0.19 N/mm ²
Shear strength (DIN EN 12090):	0.142 N/mm ²
Shear modulus (DIN EN 12090):	0.489 N/mm ²
Temperature resistance:	-40 °C to + 90 °C (short term +120 °C)
Processing temperature:	-5 °C to +35 °C (adhesive surface) +5 °C to +25 °C (can)
Building material class (DIN 4102 part 1):	B 1 (flame resistant)
Shelf life:	12 months
Colour:	orange

Article No.	Article Description	QTY
6800 8110	PLATFORM ROOF ADH. FOAM 800ML	e 12

Roof area height in m	Number of adhesive strand per m ²			
	Interior	Inner edge region	Outer edge region	Corner area
Wind zone 1 - all area categories				
up to 12 m	3	3	4	5
Wind zone 2 - area categories 2 to 4				
up to 12 m	3	3	4	5
12 up to 20 m	3	3	5	6
Wind zone 3- area categories 2 to 4				
up to 12 m	3	3	5	6
12 up to 20 m	3	4	6	7

Foam Applicator Gun 1K-PU XL, 75 cm

- Extra long metal applicator gun
- Best suited for working on platform roofs



Article No.	Article Description	QTY
6800 8112	1K-PU FOAM APPLICATOR GUN 75CM	1

Tube for PU Foam

Art. No. 6800 8051 1:

- Tube suitable for FÖRCH assembly foam1K-PU (Art No. 6800 8105) and FÖRCH well foam 1K-PU (Art No. 6800 8133)

Art. No. 6800 8051 2:

- Tubes suitable for FÖRCH 2K frame foam (Art. No. 6800 8130)

Article No.	Article Description	QTY
6800 8051 1	BAG(10)TUBES FOR PU FOAM	1
6800 8051 2	BAG(10)TUBES FOR 2K PU FOAM	1



Express Window Sealant FÖRCH*****

- Ready for use, single-component polyurethane adhesive foam for sealing gun
- For quick and easy bonding of mud-covered window and facade sealing tapes
- Meets the requirements of the installation guidelines for the RAL-Community of Goods Window and Entry Door e.V.

Installation instructions:

- FÖRCH 5* Express Window Sealant is applied in beads on the base surface or the window tape.
- For optimum adhesion, the mud-covered window tape is pressed into the adhesive coat about 3 to 5 minutes after application of the adhesive
- The window tape to be applied is pressed into the pre-cured adhesive foam using a PE or wooden spatular
- The window tape must adhere completely to the wall surface (min. 75 % contact)
- Ud-covered window tape with FÖRCH 5* Express Window Sealant can be glued down to a substrate temperature of -5 °C. At temperatures below 0 °C there may be a reduction in the flow rate and curing of the foam adhesive is delayed
- Suitable cleaner: FÖRCH Universal Cleaner PU (Art.-No. 6800 8120)



Your Advantage / Benefit

- Significant time and cost savings
- Each can yields foam for 30 linear metres
- Short drying time of approx. 60 min
- Workable down to -5 °C substrate temperature
- Suitable for bonding to slightly damp surfaces
- Easy to work due to handy 500 ml can
- Excellent adhesion to almost all mineral base surfaces
- Very low emission: EMICODE®-EC 1 Plus

Application



Technical Data

Basic material:	Polyurethane, single component green
Colour:	
Building material class as per DIN 4102 – part 1:	Class E
Application rate	approx. 30 linear metres depending on base surface after approx. 10 min.
Tack-free:	approx. 60 min., depending on temperature and ambient
Curing time:	
Processing temperature (ambient and base surface):	-5 °C to +35 °C / ideally 20 °C
Processing temperature tin:	min. +5 °C to +25 °C

Article No.	Article Description	QTY
6800 8230	EXPRESS WIND.SEAL. 500ML 5*	e 16

Related Products

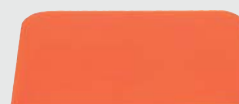
- Window Tape Vario
Art.-No. 8804 20 70



- Window Tape I-Basic/A-Basic
Art.-No. 8804 8 70
Art.-No. 8804 9 70



- Plastic Contour Spreader
Art.-No. 6260 2799



- Foam Gun FÖRCH*****
Art.-No. 6800 8103



Frame Foam 2K-PU

- Ready-to-use, self-expanding 2K polyurethane quick foam
- Hardens extremely quickly without compressive and tensile stress, regardless of air humidity
- Exceptionally stable, i.e. no volume shrinkage and no elongation after it has fully cured
- One can contains enough for about 2 - 3 door frames
- Exceptional adhesion to almost any construction substrate (other than PE, PP, PTFE and silicone)
- After hardening, it can be covered by plaster, painted, or taped
- Low emissions: EMICODE®-EC 1

Note on usage:

- Will bond to virtually any of the standard construction substrate materials such as concrete, brickwork, stone, plaster, wood, corrosion-protected metal, polystyrene (EPS and XPS), PIR / PUR rigid foam, polyester, and rigid PVC
- Will not bond to PE, PP, PTFE and silicone
- Contact surfaces must be sustainable, clean, dry, dust-free, and grease-free
- It is recommended that you perform an adhesion and compatibility test on every substrate before application
- **Do not dampen the bond surfaces and foam!**
- Please observe the information our technical and safety data sheet

Technical Data

Non-adhesive surface:	approx. 5 min (30 mm foam line)
Can be cut:	approx. 13 min (30 mm foam line)
Can be spread:	approx. 45 min (30 mm foam line)
Fully resilient:	approx. 4 h (30 mm foam line)
Processing temperature adhes. surface, Environment and tin:	+10 °C to +30 °C (ideal approx. 20 °C)
Heat conductivity (DIN 52612):	0,035 W/(m•K)
Volume change (DIN EN ISO 10563):	≤ 5%
Temperature resistance:	-40 °C to +90 °C (+120 °C max. 1 h)
Foam yield:	max. 10 l of foam
Building material class:	B2
Shelf life:	12 months



Article No.	Article Description	QTY
6800 8130	FRAME FOAM 2K-PU 400ML	e 12

Flexible Foam Knife 290 mm

- Extremely flexible and multi-purpose knife
- Ideally suitable for the cutting of hardened foam
- Blade: stainless steel
- Handle: plastic
- Total length: 425 mm



Article No.	Article Description	QTY
4762 290	FLEXIBLE FOAM KNIFE 290MM	1

Assembly Foam 2K-Duo-Press

- 2K-Duo-Press assembly foam for the fast and durable assembly of wooden door frames. Also suitable for window insulation and many other assembly, fill and insulation jobs
- General building authority approval
- Fuel gas and CFC-free
 - Environmentally-friendly
- Extreme fast hardening due to second hardening component
 - No dependence on humidity
 - No moistening of the surface necessary
 - Short assembly times, resilient after only a few minutes
- No noxious substances leak once hardened
- Very strong adhesion
 - Adhesion to all building materials. Exception: plastic-foil, polypropylene, silicone and PTFE containing surfaces. Use primer when working with plaster and gas concrete
- Easy-to-use 210 ml cartridge
 - Fixing of up to 2 door frames with only one cartridge possible
 - Easy to dose
- Specifically constructed static mixer nozzle
 - Ideal mixing of hardener and PU component

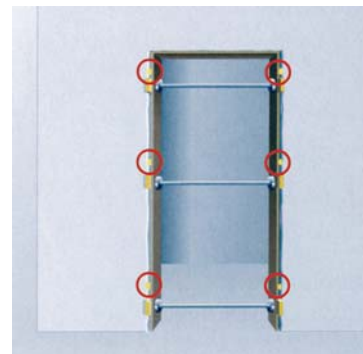
Contents:

- 16 x static mixer nozzle
- 16 x extension tubes
- 16 x cardboard strips as assembly aid

Technical Data

Basis:	2K-polyurethane
Capacity:	210 ml cartridge
Foam yield:	approx. 5.5 l of foam
Starting time:	about 6 - 8 seconds
Skin formation:	after approx. 1 mins
Can be cut:	after 3 - 5 mins
Despreadable:	after appr. 15-18 mins
Processing temperature:	+10°C to +30°C
Fire class according to DIN 4102, part 1:	B2
Colour:	yellowish
Shelf life:	approx. 9 months if stored in cool and dry environment in unopened original container

Article No.	Article Description	QTY
6800 8122	2K-DUO-PRESS EXPAND.FOAM 210ML	e 16
6800 8123	STAT.MIXERJET FOR DUO-PRESS	1



Cartridge Gun Duo

- For use with 2K-Duo-Press assembly-foam
- For exactly dosed foaming
 - Fast and clean filling of frame
- Ergonomic to use
 - Easy and economical to use

Article No.	Article Description	QTY
6800 0011	DUO-PRESS-GUN ECO	1
6800 0012	DUO-PRESS-GUN HANDYMAX	1



6800 0011



6800 0012

Step Adhesive

- 2-component polyurethane expansion adhesive for fast and safe step mounting
- It is also suitable for the adhesion of door and window sills
- Acts sound-absorbing and can be loaded after only approx. 20 minutes
- Safety adhesion of various materials, fills intermediate spaces with a fine-porous foam structure
- With one cartridge up to 2 step fixations are possible

Applications:

- Adhesion without visible connection on wood, stone, metal, plaster and gas concrete, linoleum and PVC

Processing instructions:

- The contact surfaces must be clean, dry, free of dust and grease as well as free of loosen parts. Prime plaster and gas concrete using the Primer. In case of steps which are coated with PVC or linoleum, remove waxes and oils - and grind the cleaned surface. Painted steps must be ground to get a solid compound the surface.
- Adjust the steps, window and door sills to the spacer. The spacer enables an expansion-seam of approx. 5-15 mm.
- Cut off both tops of the cartridge using a knife and put on the mixing nozzle. For narrow or deep seams use the small extension tube.
- Insert into customary dual-cylinder-gun and apply the adhesive
- The application of the adhesive is possible in two different ways:
 - remove the pre-adjusted structure component. Apply lengthwise or crossways as stripes and make sure to have a distance between the stripes from approx. 8 cm. Immediately re-put the workpiece onto the spacer
 - bring the adhesive in the expansion seam between workpiece and underground. Make sure to keep the distance of approx. 8 cm between the adhesive stripes.
- Structure components such as steps, window and door sills should be loaded with 2 weights each 12 kg per spacer (approx. 80 kg/m²)



Technical Data

Basis:	2K-polyurethane
Filling quantity:	250 g
Foam yield:	approx. 3.3 l free-foaming
Start time:	approx. 2 mins.
Hardening time:	after approx 3.5 mins.
Can be cut:	after 8 – 10 mins.
Loadable:	after 20 mins.
Processing temperature:	from +10°C to +30°C
Colour:	yellowish
Shelf life:	approx. 9 months

Article No.	Article Description	QTY
6800 8121	STEP ADHESIVE 250G	e 16
6800 8123	STAT.MIXERJET FOR DUO-PRESS	1



Spray Primer

- Highly effective, sprayable synthetic rubber primer
- For the preparatory treatment of loose, absorbent, fibrous or sandy substrates such as soft fibre, composite wood and gypsum fibreboards, plaster, brickwork, porous concrete and concrete
- For the efficient and professional bonding of FÖRCH window strips, air and windproofing products or sealants based on polyacrylate, synthetic and butyl rubber
- Rotary spray head for horizontal or vertical tasks
- Quick application straight from the can
- Short drying times

Usage instructions:

- Adhesion surfaces must be clean, dry and free of grease, ice and frost
- Cover the adjacent surfaces and the floor
- In order to prevent the valve feed tube or the spray head from becoming clogged with adhesive residues, after each spraying process turn the can on its head and spray until only blowing agent escapes
- Wipe any adhesive from the outlet nozzle

Technical Data

Basis:	Synthetic rubber
Colour:	Colourless
Contents:	400 ml
Drying time*:	5 – 15 min
Recommended working temperature:	+10 °C to +20 °C
Maximum working temperature:	+5 °C to +30 °C
Temperature resistance:	-20 °C to approx. +90 °C (momentarily up to 100 °C)
Shelf life:	24 months

*Depending on the temperature and air humidity

Article No.	Article Description	QTY
6880 400	SPRAY PRIMER 400ML	e 12



System Primer

- Solvent-free high-performance primer with depth effect; provides for optimum adhesion on sandy, fibrous and absorbent substrates like soft fibre boards, beaverboards and drywalls, plaster, masonry and concrete
- Matched to all window sealing tapes, as well as to airtight and windtight products System Adhesive Tape UDB and Klimastar
- Can also be used to enhance the adhesion of PU-foams and Window Tight
- Processing temperature: +5 to +35° C
- **Recommended paint-brush: Art.-No. 5415 4 70**

Article No.	Article Description	QTY
6880 1000	DS(1KG) SYSTEM PRIMER	e 4



PVC Cleaner Type 10

- Light etching cleaner for profiles made of PVC-hard-white in plastic window areas
- Removes rough surface dirt such as markings, adhesive residues etc.
- Ideal to clean surfaces prior to adhesion
- With UVA-additive

Usage instructions:

- The surface to be cleaned must be dry of free of dust
- Only use colourfast cloth
- Only use during dry weather

Technical Data

Minimum working temperature	+5 °C
Ignition temperature	+460 °C
Density (as per EN542 at +20°C)	0.850 g / cm ³
Shelf life (cool and dry, in unopened original packing)	24 months
Preferably	20 °C, ±5 °C



Article No.	Article Description	QTY
6870 8700	C(1L)PVC CLEANER TYPE 10	1 z

PVC Cleaner Type 20

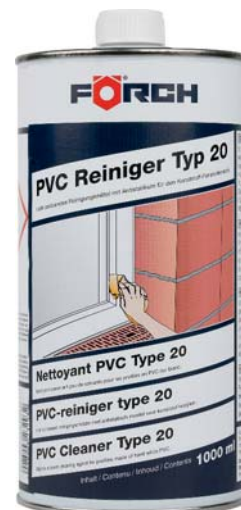
- Non-etching cleaning for profiles for white and coloured profiles in plastic window areas
- Removes light surface dirt such as dust, grease etc.
- With antistatic effect (dust-repellent)
- With UVA-additive

Usage instructions:

- The surface to be cleaned must be dry and free of dust
- Only use colourfast cloth

Technical Data

Minimum working temperature	+5 °C
Ignition temperature	>514 °C
Density (as per EN542 at +20°C)	0.720 g / cm ³
Shelf life (cool and dry, in unopened original packing)	24 months
Preferably	20°C, ±5 °C



Article No.	Article Description	QTY
6870 8701	C(1L)PVC CLEANER TYPE 20	1 z

Alu Cleaner Type 60

- Cleaner for powder-coated and anodised aluminium profiles
- Low-odour
- Fast drying

Usage instructions:

- The surface to be cleaned must dry and free of dust
- Only use colourfast cloth
- Contact tests are recommended

Technical Data

Minimum working temperature	+5 °C
Ignition temperature	>514 °C
Density (as per EN542 at +20°C)	approx. 0.700 – 0.739 g/cm ³ at 15°C
Shelf life (cool and dry, in unopened original packing)	24 months
Preferably	20 °C, ±5 °C



Article No.	Article Description	QTY
6870 8705	C(1L)ALU CLEANER TYPE 60	1 z

Universal Nitro Thinner R505

- Lacquer solvent and cleaning thinner
- A universal cleaning and thinning agent for painting works

Article No.	Article Description	QTY
6130 1580	UNIVERS.NITRO THINNER R505 5L	1
6130 1582	UNIVERS.NITRO THINNER R505 20L	1
6130 1586	UNIVERS.NITRO THINNER R505 60L	1

Suitable spout:

- 20 l: -
- 60 l: Art.-No. 6000 0016



6130 1580



6130 1582



6130 1586

Synthetic Resin - Paint Thinner R506

- For cleaning purposes and adjusting the viscosity of synthetic resin products

Article No.	Article Description	QTY
6130 1590	SYNTH.RESIN PAINT THIN.R506 5L	1



Acrylic Paint Thinner R508

- For cleaning purposes and adjusting the viscosity of paint products

Article No.	Article Description	QTY
6130 1595	ACRYLIC PAINT THINNER R508 5L	1



Industry Cleaner R551

- High-quality special cleaner for removal of glue residues, adhesive tapes, labels, foil stickers and preservation protection as well as stubborn dirt as wax, rubber abrasion, silicone residues, oil and fat
- Acting quickly and distributing a pleasant aroma

Article No.	Article Description	QTY
6130 1577	INDUSTRY CLEANER R551 500ML	ed 24
6130 1578	INDUSTRY CLEANER R551 5L	1



6130 1577



6130 1578

Food Industry Safe - Machinery Cleaner R509

- Cleans, maintains and protects in one action
- Also suitable for stainless steel surfaces
- Leaves a water-repellent protective film
- NSF-A7 registration
- Antistatic
- Economical in use
- Carefreely applicable without rubbing

Article No.	Article Description	QTY
6130 1860	FOOD SAFE MACH.CLEA.R509 400ML	ed 24



Compressed Air / Freezer Spray Combination

Compressed Air:

- Removes loose dust, lint, paper abrasion etc. from all objects, cracks, joints and holes
- Ideal for use with electrical/electronic as well as fine mechanical elements
- No condensation

Cold:

- To locate failures in case of thermal overload
- Fast cooling down of engine parts for diagnostically purposes e.g. checking cold starting devices
- Mounting aid due to cold shrinking
- Cools down to -55 °C depending on spraying duration

Article No.	Article Description	QTY
6710 0885	COMPR.AIR/FREEZER SPRAY 400ML	ed 24



Brake Cleaner R500

- Professional brake cleaner with acetone is a highly concentrated cleaner for use throughout the industry, trade, repairs and assembly



6110 0913

6110 0915



6110 0930

Article No.	Article Description	QTY
6110 0913	BRAKE CLEANER PROF.R500 500ML	eh 30
6110 0915	BRAKE CLEANER PROFESS.R500 5L	1
6110 0930	BRAKE CLEANER PROFESS.R500 30L	1

Suitable dispensing valves:

- 5 l: Art.-No. 6000 0020
- 30 l: Art.-No. 6000 0025

Suitable metal ball valve for 30 litre canister:

- 30 l: Art.-No. 6000 0027

Usable spray bottle:

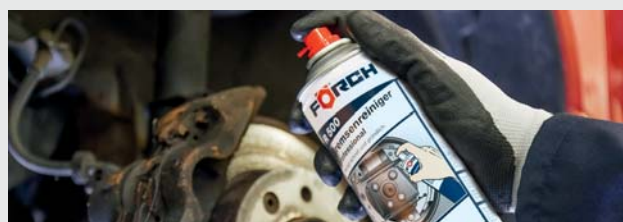
- Art.-No. 6000 0031

Your Advantage / Benefit

- Avoids stirring up of brake dust
- Works without residue
- No residual layer
- Cleans deep
- Degreases and removes resin
- Results in spotless surfaces
- Free from silicone and PTFE

Application

- Remove oils, fats, resins, adhesive residues, clutch and brake wear
- Clean of engine parts, springs, electrical systems, starters, bearings and guides
- Remove stubborn stains on upholstery and textiles
- For plastics, rubber, paints, textiles and upholstery, test beforehand on hidden area to check compatibility



Related Products

- Roll of Cleaning Cloth-3 Layer
Art.-No. 5413 10



- Fine Knitted Glove
Polyurethane
Art.-No. 5405 91 7 - 11



- Compressed-Air
Atomizer
Art.-No. 6000 0031



Brake Cleaner Premium R510

- Brake cleaner premium without acetone for the usage in the industry, trade, repair work and mounting



6110 0914



6110 0951



6110 0952



6110 0960

Article No.	Article Description
6110 0914	BRAKE CLEANER PREM.R510 600ML
6110 0951	BRAKE CLEANER PREMIUM R510 5L
6110 0952	BRAKE CLEANER PREMIUM R510 30L
6110 0960	(60L)BRAKE CLEAN.PREMIUM R510
6110P 0914	FR/PCK(90)BRAKE CL.R510 600ML
9448 6110 0914	BRAKE CLEANER PREM.R510 600ML

Suitable dispensing valve:

- 5 l: Art.-No. 6000 0020
- 30 l: Art.-No. 6000 0025
- 60 l: Art.-No. 6000 0016

Suitable metal ball valve for canister:

- 30 l: Art.-No. 6000 0027

Suitable metal ball valve for tank:

- 60 l: Art.-No. 6000 0024

Your Advantage / Benefit

- High cleaning performance
- Aerosol content 600ml with ball valve: can be sprayed in any position
- Filled with environmentally friendly propellant gas
- Brake cleaner is free of HCFCs, CFCs, cadmium, lead, corrosive substances

Application

- Spray soiled parts
- Leave the dirty mixture to drain and catch in a container
- Allow treated area to dry
- Wipe with a cloth if necessary
- Repeat for heavy dirt
- Check compatibility with rubber, plastic and painted parts in hidden area



Related Products

- Roll of Cleaning Cloth-3 Layer
Art.-No. 5413 10



- Fine Knitted Glove Polyurethane
Art.-No. 5405 91 7 - 11



- PPS Brake Cleaner
Art.-No. 6000 0954



Rapid Cleaner Safety R504

- Safety cleaner for metal, glass, ceramic etc.
- Increased application safety with the same performance
- Fast and thorough removal of grease, oil, dust etc.
- Optimum cleaning of brakes, tools, machines, mounting and add-on parts
- With TÜV-approved fire and explosion behaviour according to testing method TPS PPP 53285
- Free of acetone, AOX and silicone

Application:

- Spray on parts to be treated until dirt and grease are rinsed
- If necessary, finish using a brush, cloth or cleaning paper
- Repeat the process in case of stubborn dirt
- Do not spray on hot parts
- Preliminary tests on painted surfaces, plastic and rubber parts are recommended

Article No.	Article Description	QTY
6110 0953	RAPID CLEAN.SAFETY 500ML R504	ed 24



Rapid Cleaner R501

- Degreasing agent for the thorough cleaning of contaminated and dirty metal, glass and many more substrates
- Ideal for cleaning assembly parts prior to assembly

Article No.	Article Description	QTY
6110 0950	RAPID CLEANER R501 500ML	ed 24



Bond Break R581

- Removes paper labels, stickers, residues of balancing weights, trim adhesive etc.
- AOX-free

Article No.	Article Description	QTY
6490 4610	BOND BREAK R581 300ML	ed 24



Multi Cleaner Concentrate R550

- Liquid, phosphate-free, highly concentrated cleaner for pre-cleaning metal, plastic and other materials
- Dissolvable
- Silicone-free
- NTA-free
- Alkaline, pH-value undiluted: 11.0
- Colour: green



6100 1770

6100 1775



6100 1776

Article No.	Article Description	QTY
6100 1770	MULTI CLEANER R550 500ML	ed 24
6100 1775	MULTI CLEAN R550 5L	1
6100 1776	MULTI CLEAN R550 25L	1

Suitable spout:

- 5 l: Art.-No. 6000 0020
- 25 l: Art.-No. 6000 0025 / 6000 0029

Your Advantage / Benefit

- Pleasant fragrance
- Easily dissolves vegetable and animal fats
- Old insect residues are completely dissolved
- Removes slight metal oxidation
- Restores original shine to metal, glass etc.
- Does not negatively affect functioning of separation systems as per DIN 1999

Application

- Cars, tank trucks, chassis, trucks, silo vehicles, containers, vehicle superstructures, tarpaulins, plastic and machine parts etc.
- Interior cleaning of vehicles, rolling stock and buses
- Can be used as a wheel rim cleaner, for washing engines, for cleaning industrial premises and workshops
- Depending on degree of contamination and application to be diluted with water to a ratio of 1:1 up to 1:10 and apply
- Depending on application, clean off with a cloth, brush or pressure washer



Related Products

■ Nitrile Gloves Blue



Art.-No. 5405 5 200 7 - 10



■ Washing Brush S-Form

Art.-No. 5417 101



■ Suction Feed Spray Gun Tornador Foam

Art.-No. 3945 16



■ Cleaning Sponge

Art.-No. 5410 67



Active Foam Cleaner Plus 5 R560

- Removes even stubborn dirt such as oil, grease and tar stains from a variety of surfaces

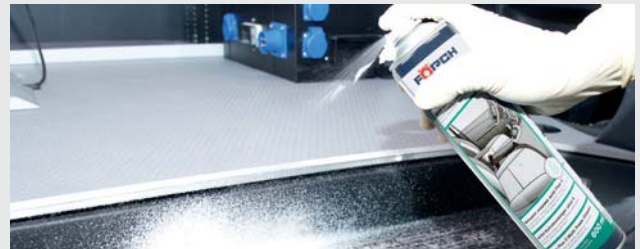


Your Advantage / Benefit

- Carefully matched mixture of solvents and cleaning agents
- Effortlessly cleans all glass, chrome, plastic and paint surfaces
- For carpets, windows, window frames, fitting, tiles, upholstery, fabrics, interior trim, headliners etc.
- Removes insects, greasy marks and dirt film from bodywork and windscreen
- Can also be used for engine and parts cleaning
- Biodegradable
- Silicone-free

Application

- Shake container thoroughly
- Apply the Active Foam Cleaner plus 5 from a distance of about 25 cm to the area to be cleaned and leave briefly to take effect
- Clean off with a damp sponge or chamois leather, in case of heavy contamination process needs to be repeated
- Ensure sufficient ventilation and extraction when cleaning



Article No.	Article Description	QTY
6100 1660	ACTIVE+5 FOAM CLEAN.R560 600ML	esh 30

Related Products

- Nitril Gloves Blue FORCH**
Art.-No. 5405 5 200 7 - 10



- Cleaning Sponge**
Art.-No. 5410 67



- Chamois - Window Cloth**
Art.-No. 5410 80



- Microfibre Cloth**
Art.-No. 5410 75



General Information on Cleaning

- Selecting the correct cleaning agent for the contamination at hand is half the job
- For every type of contamination there is an appropriate cleaner
- Be sure to test that the cleaner will not harm the surface being cleaner. In order to do so you may want to test the material in an inconspicuous location
- The exposure time and the dilution ratio of the cleaning agents depend on the degree of dirt
- Please adhere to technical and safety data sheet

Types of contamination

Inorganic

Examples: Rust limescale boiler scale urine scale milk scale concrete cement residue brake dust iron deposits soap residues etc.

Neutral

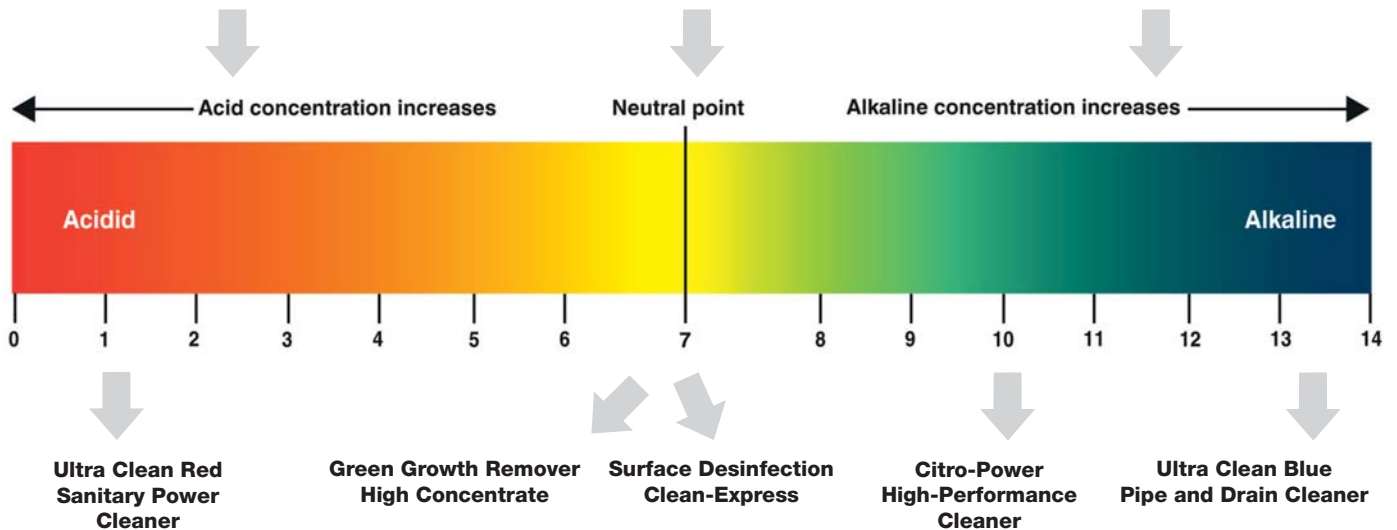
Examples: Bacteria fungi lichen odours algae moss mould spores etc.

Organic

Examples: Oils fats coal blood resin soot protein waxes insects cooking residue etc.

Choosing the right cleaner depending on the contamination!

In general, the correlation between the pH value and type of contamination should be taken into account. The pH value is a value expressing the concentration of an acidic or alkaline aqueous solution.



6890 1 210



6890 1 510



6890 1 710



6890 1 605



6890 1 425

Ultra Clean Red

- Strongly acidic and highly active cleaning concentrate with exceptional limescale, rust, and cement release capability
- Effortlessly removes extremely persistent mineral, inorganic contamination, such as limescale deposits, cement residue, boiler scale, urine scale, milk scale, rust deposits, patina, brake dust, soap residue, and light tarnishing on metals
- Red in colour with a pleasantly fruity smell
- pH value: 1

Usage instructions:

- Shake or stir well before use and check its compatibility with the material being cleaned
- Depending on the area of application and level of contamination, spray the diluted solution on the surface to be cleaned, allow it to stand for a short time, rub it in with a brush if necessary, and then wash it away thoroughly with water
- **Proportion recommendation with water:** Pure to 1:10 for persistent contamination; up to 1:30 for routine cleaning; about 1:50 for use on metallic surfaces



6890 1 325



6890 1 301

6890 1 310

Article No.	Article Description	QTY
6890 1 301	BT(1L) ULTRA CLEAN RED	e 15
6890 1 310	CA(10L) ULTRA CLEAN RED	1
6890 1 325	CA(25L) ULTRA CLEAN RED	1

Your Advantage / Benefit

- Its special way of working and its high level of dilution capability mean that even a small amount of the cleaner can be effective, allowing it to last a long time
- The high quality raw materials being used make it possible to flow under encrustations and reliably dissolve them

Application

- For use in a variety of industries, including construction, agriculture (dairies, slaughterhouses etc.), in government offices, and public establishments (hospitals, swimming pools, fire stations etc.), in factories, commercial kitchens, filling stations etc.
- Suitable for use on all waterproof and acid-resistant surfaces, such as glass, tiles, porcelain, synthetic materials etc.
- Suitable for manual cleaning, spray cleaning, and high pressure devices and cleaning machines



Ultra Clean Blue

- Strongly alkaline cleaning concentrate with a very high grease, oil and dirt dissolving power
- Quickly and effectively removes all types of strong organic dirt such as oil, grease, soot, resin, wax, insects, soap residues, food deposits etc.
- Provides thorough cleaning results whilst preserving the material
- With blue colour and pleasant scent
- pH value: 9.5

Usage instructions:

- Stir or shake well before use and test material for compatibility
- Depending on the area and degree of dirt, spray a diluted amount of cleaner onto the surface that needs to be treated, leave to soak for a short time, rub in with a brush where necessary and subsequently rinse thoroughly with water
- Do not leave the cleaner to dry
- **Suggested dosages with water:**
1:3 in case of stubborn dirt ; 1:20 for routine cleaning and plastics



6890 1 425



6890 1 401

6890 1 410

Article No.	Article Description	QTY
6890 1 401	BT(1L) ULTRA CLEAN BLUE	e 15
6890 1 410	CAN(10L) ULTRA CLEAN BLUE	1
6890 1 425	CAN(25L) ULTRA CLEAN BLUE	1

Your Advantage / Benefit

- Effective and powerful cleaning
- Extremely efficient thanks to its concentration
- Can undercut and completely dissolve even the most stubborn dirt

Application

- Perfect for use in the areas of crafts and trades, industry, catering, household cleaning, gardening, automotive industry, train and bus services
- Suitable for use on all water and alkaline-resistant surfaces such as metal, wood, ceramics, plastic, tiles, rubber, industrial flooring, aluminium etc.
- Suitable for manual cleaning, spray cleaning and high-pressure devices and cleaning machines



Green Growth Remover, Highly Concentrated

- Highly concentrated self-acting special cleaner for the effective removal of all kinds of green growths and lichens
- With long-term effect and visible protection against new cases of green growths such as algae, moss, lichens and mould
- Suitable for surfaces such as stone, wood, clinker, brick, concrete, etc.
- Non-toxic for aquatic organisms so also ideal for treatment near the shore
- pH-value: 7

Usage instructions:

- Base surface must be completely dry before use
- Dilute with water to a ratio of 1:35 or use it pure depending on the level of dirt and evenly spray, spread or pour onto the surface. Leave to soak.
- **Do not rinse the surface being treated with water for the next 24 hours**
- The cleaning process will begin on its own just a short time after application
- You do not need to pre-dilute the substance when using the automatic dosing feeder

Use biocides safely. Always read the label and product information before use.

Your Advantage / Benefit

- Extremely efficient
- With a self-cleaning and efficient effect
- Provides deep cleaning results and maximum protection of the material treated

Application

- Can be used in indoor and outdoor areas, for example in swimming pools, sewage treatment plants and conservatories, on house walls and on windowsills, terraces and pavements on which a dangerous layer of slippery green growth has developed
- Also suitable for treatment close to banks



6890 1 502

6890 1 510

Article No.	Article Description	QTY
6890 1 502	CAN(2,5L)GR.GROWTH REM.H.CONC.	1
6890 1 510	CAN(10L)GR.GROWTH REM.H.CONC.	1

Surface Disinfection Clean-Express **FÖRCH*******

- High quality wipe disinfection with a broad spectrum and very short exposure time due to a micro-biocidal agent on an inorganic basis
- Free of aldehydes, alcohols, phenols, ammonia, peracetic acid, fragrances and preservatives
- Safe disinfection result in all areas
- pH-value: 6.7

Usage instructions:

- Apply diluted or undiluted on the surface to be treated and leave on
- At a dilution of 1:1 with distilled water the exposure time is doubled

NOTE: Use biocides safely. Always read the label and product information before use.

Use the product within one month after opening! The older the product the longer the soak time.

Your Advantage / Benefit

- High level of work safety, efficient microbial reduction and a broad efficiency spectrum
- Short exposure time of less than 5 minutes
- Bacteria, viruses, fungi and spores are reliably inactivated
- Has a virucidal, bactericidal, fungicidal, levurocidal and sporicidal effect
- VAH/DGHM certified and listed

Application

- In food processing plants and public areas such as canteens, kitchens, bakeries and butchers, schools, sports facilities, saunas, solariums, care establishments and hospitals, human medicine, dentistry and veterinary medicine



6890 1 701

6890 1 710

Article No.	Article Description	QTY
6890 1 701	BT(1) SURF.DISINF.CLEAN-EXP.5*	e 15
6890 1 710	C(10L)SURF.DISINF.CLEAN-EXP.5*	1



Citro-Power High-Performance Cleaner

- High-quality special cleaning concentrate based on natural ingredients
- Contains orange terpenes
- Suitable for a wide variety of applications on all washable or water-resistant surfaces such as glass, plastic, ceramic, metal, wood etc. and on textiles, carpets and upholstery
- Suitable for routine cleaning with cleaning machines or for manual cleaning
- pH-value: 10

Your Advantage / Benefit

- For effective removal of greases, paint and adhesive residues, resin, wax, tar and oil soiling etc.
- Can also be used for the effective removal of chewing gum, ink, pencil and pen stains and rubber scuff marks on flooring
- Removes unpleasant odours
- Can also be used on textiles

Application

- **Undiluted use:** Outstanding for the removal of extremely stubborn dirt. When used on textiles, textiles must be dry. Apply the cleaner, leave to soak for a short time and then treat with water or wash
- **Diluted use:** Use a dilution ratio of 1:20 to 1:50 depending on the degree of dirt. Suitable for routine cleaning in all areas, for example trade and craft, industry, catering, household cleaning, garden, automotive industry, kitchens, bathrooms, boats, caravans etc.
- **Spray can:** Apply the cleaner to the area that needs treating, leave to soak for a short time and then wipe off with a cloth
- **Attention:** Avoid direct sunlight and keep away from sources of heat!



6890 1 603

6890 1 605



Article No.	Article Description	QTY
6890 1 603	TIN(500ML)CITRO-POW.H.P.SPRAY	e 12
6890 1 605	CAN(5L)CITRO-POWER H.P.CLEANER	1

Sanitary Power Cleaner

- Highly acidic cleaning concentrate for effective, fast removal of stubborn, clinging dirt and for diluted use on routine cleaning in sanitary areas
- Removes lime deposits, gray stains, rust, soap and dirt residues from all acid-resistant surfaces
- Basic ingredient: Phosphoric acid
- pH value: 1

Usage instructions:

- Stir or shake well before use and test material for compatibility
- Depending on the area and degree of dirt, dilute with water at ratio of 1:5 to 1:25 and spray on the surface to be treated: allow to act briefly, if necessary rub and then rinse thoroughly with water



6890 1 201

6890 1 210

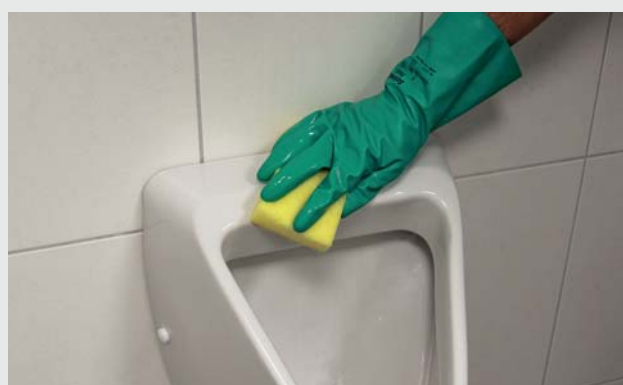
Article No.	Article Description	QTY
6890 1 201	BT(1L)SANITARY POWER CLEANER	e 15
6890 1 210	CAN(10L)SANITARY POWER CLEANER	1

Your Advantage / Benefit

- Leaves hygienic cleanliness and shiny finish
- Liquid: red with pleasant orange scent

Application

- On all washroom surfaces
- For tile (except for natural stone), wash basins, fittings, toilet, shower, bath and whirlpool tubs, glass and plastic surfaces etc.
- Also suitable for fully biological sewage treatments plants



Pipe and Drain Cleaner

- Highly alkaline cleaner for effective removal of stubborn pipe blockages
- Easily dissolves away hair, cotton, wool, scraps of paper, soap residues, food residues, grease blockages etc.
- The cleaner spreads evenly in the pipe and outlet, dissolves residues completely while eliminating unpleasant odours
- Basic ingredient: Potassium hydroxide
- pH value: 13

Usage instructions:

- Pour about 200 ml of undiluted pipe and drain cleaner into the sink outlet
- The effect is multiplied by immediately adding approx. 200 ml of hot water
- Allow to act for approx. 1/2 hours and rinse with warm water
- When stubborn increase the dosage eventually
- For prevention and odour elimination pour approx. 40 – 50 ml weekly into the outlet and let take effect
- **Attention: Not to be mixed with other acidic products!**



Your Advantage / Benefit

- Reliably removes organic blockages
- Pipes and seals are left undamaged
- Due to its high density, the cleaner is heavier than water and penetrates easily as far as the blockage

Application



Article No.	Article Description	QTY
6890 1 101	BT(1L)PIPE AND DRAIN CLEANER	e 15

Rust Solvent Black Magic S411

- Dissolves quickly seized screw connections and bolts
- Extreme pressure resistance due to graphite content
- Maintains and preserves
- Compatibility with sealing gaskets
- Capable of creep, displaces and infiltrates
- Synthetic rust solvent - graphite based
- Safety spray head with ball valve
- Resistant / pressure-resistant



Technical Data

Basis:	synthetic oil with graphite content
Colour:	anthracite
Water-soluble:	insoluble

Article No.	Article Description	QTY
6700 0048	BLACK MAGIC S411 400ML	ed 24

Your Advantage / Benefit

- Graphite ensures long-lasting dry lubrication
- Overhead spraying (360°)
- No unintentional actuation of spray head
- Preserves and protects the sprayed surfaces against humidity, moisture and salt water

Application

- Suitable for application on spring suspensions, plugs and injection nozzles, all seals and mounting parts, exhaust systems, turbo chargers, nuts and screws, Bowden cables, chain drives, wire rope roists, control instruments, wiper axis, brake linkages etc.



Related Products

- **Hand-Wire Brush**
Art.-No. 5850 4



- **Twist Drill Cobalt DIN 338**
HSS-E
AGR 5502



- **Nitrile Gloves Blue**
FORCH
Art.-No. 5405 5 200 7 - 10



- **Power Spot**
Art.-No. 5482 60



Maintenance Oil S407

- Long-lasting lubrication for locks, hinges, Bowden cables, attachment and clamping devices
- Temperature-resistant from -30 °C to +150 °C



6520 5750

6520 5755

Your Advantage / Benefit

- Guaranteed resin-free, hydrated white oil
- Colourless, will not stain
- Loosens resin deposits, makes movable parts run smoothly
- Prevents freezing of locks
- Can be used as a lubricant for drill hammer shafts and for weapons
- Can also be used as gun oil
- Silicone-free, acid-free

Application

- For lubrication of drill hammer shafts, door locks, rodding, window and door hinges, attachments, holding brackets for metal-processing machines etc.



Article No.	Article Description	QTY
6520 5750	MAINTENANCE OIL S407 300ML	ed 24
6520 5755	CAN(5L)MAINTENANCE OIL S407	1

Related Products

- Duo-Grip Fine-Knit Gloves
Art.-No. 5405 117 7 - 10



- Pressure Pump Spray 1 l
Art.-No. 6000 0065



- Hand Spray Neutral
Art.-No. 6000 0015



- Rapid Cleaner Safety R504
Art.-No. 6110 0953



High Performance PTFE Oil S408

- High Quality lubricant with PTFE added



Technical Data

Colour: yellowish
Temperature resistance: -30 °C to +250 °C

Article No.	Article Description	QTY
6520 5575	HP PTFE OIL S408 500ML	ed 24

Your Advantage / Benefit

- Extremely capable of creep into tightest tolerances
- Pressure-resistant and emergency running lubrication
- Resistant to water, salt, diluted acids and alkalis
- Highly adhesive on areas treated, leaves a non-greasy lubricating film
- Prevents coking, friction, squeaking and creaking

Application

- All lubricated areas which are exposed to the weather, temperature fluctuations, pressure and soiling such as door hinges, linkages, chains and locking cylinders, frame joints etc.



Related Products

- **Nitrile Gloves**
Blue FORCH.....
Art.-No. 5405 5 200 7 - 10



- **Spunlace Cleaning Cloth**
Art.-No. 5413 15



- **Rapid Cleaner**
Safety R504
Art.-No. 6110 0953



Silicone Spray / Oil S420

- Plastic parts are high-gloss and do not become brittle
- Rubber parts are maintained, do not become brittle, do not freeze or stick
- With wide and narrow spray nozzle



6530 1500

6530 1505



6530 1506

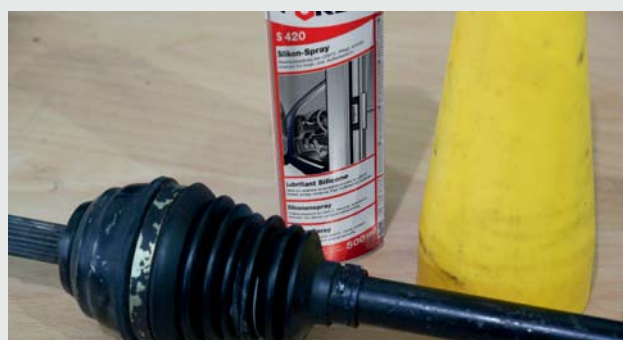
Article No.	Article Description	QTY
6530 1500	SILICONE SPRAY LUBE S420 500ML	ed 24
6530 1505	CAN(5L)SILICONE OIL S420	1
6530 1506	CAN(20L)SILICONE OIL S420	1

Your Advantage / Benefit

- Temperature-resistant from -40 °C to +250 °C
- Silicone lubricant with an extremely high silicone content
- Maintains, preserves, impregnates and prevents static loading (antistatic)
- For vehicle interiors and exteriors

Application

- Spray onto clean surfaces from a distance of 20 – 30 cm and rub in with a clean, soft cloth
- Assembly aid, e.g. for pipe connections



Related Products

- Duo-Grip Fine-Knit Gloves
Art.-No. 5405 117 7 – 10



- Microfibre Cloth
Art.-No. 5410 75



Flowable Adhesive Grease S401

- Adhesive grease with long-term lubrication, resistant to extreme pressures
- Temperature-resistant from -35 °C up to +200 °C
- Loosens screws and bolts which have rusted in place even when thread is defective
- Prevents cold welding on thread



Your Advantage / Benefit

- With emergency lubricating characteristics
- Works into all gaps and forms a high-pressure resistant lubricant film
- Resistant to salt water, dilute acids & other aggressive media
- High adhesion, also penetrates into chain pin bearings
- Dissolves resins
- Biodegradable > 90% as per CEC L-33-T-82

Application

- Rollers and ball bearings, also chain inner bearings, spur and worm gears
- All kinds of joints and couplings, machinery and precision parts etc.
- Suitable for loosening and lubricating all chains and wire ropes
- Door locks, door hinges, sliding rails, brake rods etc.



Article No.	Article Description	QTY
6500 5550	FLOWABLE ADH.GREASE S401 500ML	ed 24

Related Products

- **Duo-Grip Fine-Knit Gloves**
Art.-No. 5405 117 7 - 10



- **Wiping and Cleaning Cloths**
Art.-No. 5413 4



Heavy Duty PTFE Grease S404

- High quality adhesive grease with PTFE
- Extremely temperature-resistant from -30 °C up to +250 °C tested in endurance test, also extremely pressure resistant
- Emergency lubrication via PTFE particles
- Extremely rapid creeping capacity
- Loosens all screw connections, also for cold welding
- Provides optimal lubricating effect with a very good corrosion protection of the treated parts
- Centrifuge-resistant and resin-losing

Article No.	Article Description	QTY
6500 5580	HD PTFE GREASE S404 500ML	ed 24



Heavy Duty PTFE Chain Grease S405

- Extremely adhesive chain grease with PTFE
- Temperature-resistant up to +250 °C
- O-ring tested
- Centrifuge-resistant
- Weatherproof and displacing moisture
- Long-life grease for motorbike chains, leaf springs, hinges, joints, bearings etc.
- Silicone-free

Article No.	Article Description	QTY
6500 5500	PTFE CHAIN GREASE S405 500ML	ed 24



Service Spray S400

- Cleans and protects
- Eliminates squealing
- Loosens rusted parts
- Releases loosened lock mechanisms
- Resistant to moisture
- Silicone-free
- Temperature range from -50 °C to +80 °C
- Aerosol with ball valve can be used in any position
- With safety spray nozzle

Application:

- Removes coloured pen stains, grease, tar, rubber, adhesive and lime residues
- Provides a protective layer against rust and corrosion for e.g. bicycles, prams, chromed parts, motorcycles and tools
- Penetrates into threads and lubricates hinges, rollers, springs, water taps, window and door handles, pedals, office chairs etc.
- Penetrates deeply and loosens rusted, corroded and seized nuts, screws, switches, cables etc.
- Loosens and lubricates jammed door locks, zip fasteners, sewing machines, typewriter keys, switches, cables etc.
- Eliminates water from metal surfaces e.g. electrical contacts, ignitions, tools, motorcycles, outboard engines etc

Article No.	Article Description	QTY
6520 5760	SERVICE SPRAY S400 400ML	ed 24
6520 5761	CAN(20L)FULL-SERVICE S400	1



6520 5760



6520 5761

High Power-OMC² Spray Grease S477

- Dirt-repellent, highly viscous EP spray grease (extreme pressure) with long-term effect and OMC² (Organo Metal Compound)
- With special additives for extreme load stress
- Temperature-resistant from -30°C up to +125°C
- NLGI-grade 2
- Colour: green



Your Advantage / Benefit

- High resistance to salt water
- Does not run off horizontal and vertical surfaces (reserve lubrication)
- Good sealing against water and dirt penetration
- Smooth surface due to OMC² technology, thus minimal wear and longer lubrication intervals
- Does not bind dirt
- Weather-resistant and resistant against weak acids and alkalines
- Silicone- and acid-free

Application

- Lubrication of vehicles, industrial, construction and agricultural machines, winter service vehicles, industrial robots, machines used for marine applications
- Suitable for lubrication of open systems exposed to high dirt levels and weather conditions, e.g. gears, steel cables, chains, spring balancers, sliding bearings etc.



Article No.	Article Description	QTY
6500 5610	OMC ² SPRAY GREASE S477 500ML	ed 24

Related Products

- Duo-Grip Fine-Knit Gloves
Art.-No. 5405 117 7 - 10



- Spunlace Cleaning Cloth
Art.-No. 5413 15



- Rapid Cleaner Safety R504
Art.-No. 6110 0953



Multi-Purpose Grease S490

- Temperature-resistant from -30 °C to +120 °C
- Lithium base saponification
- Classification according to DIN 51 825 / 51 502: K 2 K-30
- NLGI class / DIN 51 818: 2
- Colour: bright yellow

Art. No. 6550 5781:

- ideally suitable for the two-hand grease gun (Art. No. 2909 60)

Article No.	Article Description	QTY
6550 5780	MULTI PURPOSE GREASE S490 400G	e 24
6550 5781	MULTI PURPOSE GREASE S490 500G	e 20
6550 5782	MULTI PURPOSE GREASE S490 25KG	1



6550 5780

6550 5781

6550 5782

Multi-purpose grease with graphite S491

- Temperature-resistant from -35 °C to +130 °C
- Lithium base saponification
- Classification according to DIN 51 502: KPF 2 K-30
- NLGI class / DIN 51 818: 2
- Colour: black
- Also suitable as chisel grease

Art. No. 6550 5786:

- ideally suitable for the two-hand grease gun (Art. No. 2909 60)

Article No.	Article Description	QTY
6550 5785	MULTI P.GREA.W.GRAPH.400G S491	e 24
6550 5786	MULTI P.GREA.W.GRAPH.500G S491	e 20



6550 5785

6550 5786

Long Life Grease S492

- Long life grease – a clear, almost fully translucent, saltwater-resistant, special high-pressure grease with strong adhesive quality. Also prevents bearing wear under extreme stress, resistant against washing out of the bearings and sliding spots.
- Temperature range from -30 °C to +110 °C
- Certification according to DIN 51 502: KP 2 G-30
- NLGI grade / DIN 51 818: 2
- Colour: green-fluorescent

Article No.	Article Description	QTY
6550 5790	LONG LIFE GREASE S492 400G	e 24



Long-Life Grease S493 **TRUCKline**

- High-pressure grease
- Salt water resistant
- Extremely adhesive
- Ideally suitable for Trucks
- Corrosion and wear protection
- Temperature range -30 °C to +120 °C, short-time up to +130 °C
- Certification according to DIN 51 502: KP 2 K-30
- NLGI grade / DIN 51 818: 2
- Colour: yellow-green

Article No.	Article Description	QTY
6550 5793	TRUCK LO.LIFE GREASE S493 500G	e 20



Drilling and cutting paste

- Lubricates and cools cutting tools for machining metals, and clamping and cutting operations
- Improved surface quality through optimum lubrication of the tools
- Free of chlorine and heavy metals

Your Advantage / Benefit

- Extends the tool life while drilling, thread cutting, lathing, milling, sawing etc.
- Machining on vertical surfaces
- Good corrosion protection

Application

- Also suitable for the machining of difficult to cut steels (VA, titanium, manganese etc.)



Article No.	Article Description	QTY
6580 5820	C(500G) DRILLING-CUTTING PASTE	1
5416 2	ENAMEL VARNISH BRUSH 2	e 12

Related Products

- „Beta“ Protective Goggles
Art.-No. 5400 902 1



- Enamel Varnish Brush 2
Art.-No. 5416 2



- Magnetic Chip Lifter
Art.-No. 4755 10



Drilling and Cutting Oil

- Extends the service life of clamping and cutting tools
- Can be used while drilling, thread cutting, sawing, turning or milling

Art.-No. 6580 5800:

- Cutting oil spray with an environmentally-friendly propellant



6580 5800



6580 5805

Article No.	Article Description	QTY
6580 5800	DRILL. AND CUTTING FLUID 500ML	ed 24
6580 5805	DRILLING&CUTTING FLUID 5L	e 4

Art.-No. 6580 5805:

- Suitable dispensing tap Art.-No. 6000 0023
- Suitable plastic case Art.-No. 6000 0065 / 6000 0080

Your Advantage / Benefit

- Penetrates into the tightest installations
- Cools and protects against corrosion
- Silicone-free

Application

- Suitable for all materials – such as stainless steel, acid-resistant steels, spring steel, cast iron, also non-ferrous metals such as aluminium, titanium, bronze, copper



Related Products

- „Beta“ Protective Goggles
Art.-No. 5400 902 1



- Coolant Hose Basic Set
Art.-No. 5595 12 1 / 5595 14 1



5595 12 1



5595 14 1

- Magnetic Chip Lifter
Art.-No. 4755 10



Drilling and Cutting Foam

- Highly adherent cutting oil foam for targeted application to the area to be worked on
- Lubricates and cools tools while drilling, tapping and threading, lathing, milling, sawing etc.
- Extends tool life
- For work on vertical surfaces and overhead
- Compatible with all water-miscible cooling lubricants
- Soluble in water, can be washed off with clean water
- Free of chlorine, sulphur and mineral oils
- Biodegradable
- For machining all alloyed and non-alloyed metals and cast irons, as well as copper, copper alloys and all stainless steel alloys

Article No.	Article Description
6580 5815	DRILL AND CUTTING FOAM 400ML



Drilling and Cutting Emulsion - Water Soluble

- EP Cooling lubricant that can be mixed with water (EP = Extreme Pressure for heavy duty machining)
- High performance cutting and cooling emulsion
- Greater corrosion-protection
- Extremely resistant against microorganisms
- Longer tool life
- Application concentration: 5 – 20%
- Silicone-free
- Also suitable for use in CNC machines

Application:

- Preparation of operation emulsion: carefully add and stir the emulsion to drinking water or use a automatic mixing device.

Article No.	Article Description
6580 5810	(5L)DRILLING&CUTT.EMULSION WS



Suitable spout:

- 5 l: Art.-No. 6000 0023

Thread-Cutting Oil DVGW

- DVGW approved
- Mineral oil-free, for potable water pipes
- Compatible with all commercially available thread-cutting machinery, even at high cutting speeds
- Also suitable as a spray oil for drilling, tapping, turning, milling, etc.
- Colour: red

Article No.	Article Description
6580 5851	THREAD-CUT.FLUID DVGW 300ML
6580 5855	THR.CUT.FLUID-M. WAT.SAFE 5L

Suitable spout:

- 5 l: Art.-No. 6000 0023



6580 5851



6580 5855



Boiler Cleaner Oil

- For problemfree, fast cleaning of oil-powered boilers
- Cleans even stubborn, non-combustible coatings such as sulphate
- Lessens the corrosion sensitivity and the creation of new coatings
- Improves the heat transfer and so saves energy

Usage instructions / general information:

- Slightly foaming
- Do not spray on burner and electrical components
- Ensure sufficient chimney draught during use
- Store frostfree

Application:

1. Switch off burner and open boiler room
2. Spray the dirty inner surfaces of the boiler with **FÖRCH Oil Boiler Cleaner** and allow to react for a short time. Then heat the boiler well. This process will have removed the most stubborn soot and sulphate coatings.
3. Once the boiler cooled down, open the boiler room again and Hoover the remaining residue

Article No.	Article Description	QTY
6890 410	BOILER-CLEANER OIL 500ML	e 12
6620 6091	AEROSOL-ADAPTER 60CM	1



Boiler Cleaner Gas

- For problemfree, fast cleaning of gas-powered boilers
- Cleans even stubborn, non-combustible coatings such as sulphate
- Lessens the corrosion sensitivity and the creation of new coatings
- Improves the heat transfer and so saves energy

Usage instructions / general information:

- Slightly foaming
- Do not spray on burner and electrical components
- Ensure sufficient chimney draught during use
- Store frostfree

Application:

1. Switch off burner and open boiler room
2. Spray the dirty inner surfaces of the boiler with **FÖRCH Oil Boiler Cleaner** and allow to react for a short time. Then heat the boiler well. This process will have removed the most stubborn soot and sulphate coatings.
3. Once the boiler cooled down, open the boiler room again and Hoover the remaining residue.

Article No.	Article Description	QTY
6890 610	BOILER-CLEANER GAS 500ML	e 12
6620 6091	AEROSOL-ADAPTER 60CM	1



Zinc Particle - Repair Colour L232

- High zinc-containing repair colour
- For repairing weld seams and damaged parts at zinc surfaces
- Zinc gleam finish
- Greater than 90% metallic particles in pigment
- Heat-resistant corrosion protection up to +300 °C
- Hardening:
 - Dust dry: approx. 15 min
 - Touch-proof: approx. 45 min
 - Hardened: approx. 2 – 3 days

Application:

- The substrate must be dry, dust and grease-free
- Apply zinc repair colour in 2 – 3 layers. Allow short flash off time between coats.

Article No.	Article Description	QTY
6200 2102	ZC PARTICLE REP.COLOUR 1000ML	e 6



Zinc Spray - Bright L244

- For optimum repair, improvement and protection against corrosion of metallic surfaces
- Active corrosion resistance according to DIN 50021
- Salt spray test at 528 hrs according to DIN 20021
- Corrosion resistant zinc coating in hot-dipped colouring
- Weather-resistant and protects against rust and salt
- For aftertreatment of damaged hot-dipped galvanised parts
- Can be spot-welded
- Overpaintable with commercially available plastic resin paint systems. Test spraying is recommended.
- Temperature resistant up to +400 °C
- Zinc contents of pigments more than 98 %
- Zinc contents dry film approx. 70 %
- Parts to be treated must be clean, dry, free of grease and rust
- Shake aerosol vigorously for approx. 2 minutes after mixing ball is heard
- Cross spray from a distance of approx. 20 – 30 cm. One coat usually sufficient. For additional coats allow 5 minutes between coats.
- Not suitable for over-laying with fillers
- Not suitable as undercoat for PU, MS-polymer and hybrid sealing compounds

Article No.	Article Description	QTY
6200 2104	ZINC SPRAY - BRIGHT L244 400ML	esd 24



Zinc-flake spray L228

- Highly effective thin layer of zinc
- Ideal for subsoil structures or as a stable surface
- Long-term corrosion protection with additional barrier protection due to zinc flakes and nano particles
- Ideal as excellent metal primer for original manufacture and repair of damaged zinc phosphate layers
- Quick-drying, can be spot-welded and levelled over, good functionality in conjunction with PU and MS polymer sealants, can be over-painted using commercial 1K and 2K topcoat systems (prior compatibility testing recommended)
- Temperature resistant up to +240°C
- Drying:
 - bone-dry: approx. 15 min
 - grip-dry: approx. 30 min
 - completely dry: approx. 10 – 12 hrs
 - may be painted on after approx. 12 hrs

Application:

- The parts being treated must be clean, dry, grease and rust-free
- Shake the can for at least 2 minutes before opening
- Spray thinly from a distance of approx. 15 – 20 cm (1 spray = approx. 20 µm). There should be a second spray For metals with greater surface roughness
- Allow to dry for approx. 5 min when sprayed several times

Advantages of zinc flakes:

- Contact, conductivity and the cathodic corrosion protection remain even when the zinc flakes are being moved as the pigments lie closely on top of one another, improved ability to weld
- Better resistance against environmental influences due to the long diffusion paths, the penetration of water and moisture is made considerably more difficult as the flakes have a great hydrophobic (water-repellent) surface
- Surface of the layer is smoother and stronger, better grip and better layer strength



Comparative Chart

Former zinc sprays: (zinc dust)	Former zinc sprays: (Thin zinc)
spherical zinc pigments and a relatively large layer thickness formed the basis for protection against corrosion.	platelet shaped zinc pigments with a large specific surface geometry form a very high barrier effect with regards to low layer thickness and therefore a much better protection against corrosion.
spherical	thin zinc
large layer thickness formed the basis for protection against corrosion	low layer thickness and therefore a much better protection against corrosion
high proportion of zinc in the dry film	low proportion of zinc in the dry film
active cathodic corrosion protection	active cathodic corrosion protection
–	passive corrosion protection by barrier effect

Article No.	Article Description
6200 2108	ZINC-FLAKE-SPRAY L228 400ML

Zinc Spray - Grey L240/241

- Active corrosion protection according to DIN 50021
- Protects from rust and salt
- Suitable for re-galvanising of welding and cutting points
- Smooth, pore-free film
- Overpaintable
- Can be spot welded also in dry condition

L240: professional

- Zinc contents of pigments more than 98.5 %
- Zinc contents in the dry film more than 92 %
- Coverage 1.7 sqm at 30 µm dry layer thickness
- Salt spray test at 480 hrs according to DIN SS-50021
- Temperature resistant up to +600 °C

L241: premium

- Zinc contents in dry film more than 90 % zinc
- Coverage 1.4 sqm at 30 µm dry layer thickness
- Temperature resistant up to +500 °C

Article No.	Article Description
6200 2100	ZINC RICH SPR.PROF. L240 400ML
6200 2101	ZINC SPR.PREM.GREY L241 400ML



Alu Zinc Spray L242

- Long-lasting corrosion protection according to DIN 50021
- Colour: light silver, shiny
- Enhances zinc-plated and hot-dipped galvanised parts due to its colouring and corrosion protection
- Combines the lighter colouring of aluminium with the corrosion protection and abrasion-resistance of the zinc spray
- Conductive and heat-resistant up to +500 °C
- Can be spot welded
- Fast drying, overpaintable after 15 – 30 min

Article No.	Article Description	QTY
6200 2110	ALU ZINC SPRAY L242 400ML	ed 24



Rust Stop Primer Dark Red L239

- Colours: red-brown and grey
- Ideal as a rust stop primer on steel and iron, for car repairs etc.
- Especially suitable for rusty surfaces
- Forms a smooth, pore-free film
- Overpaintable after drying (from approx. 30 mins to 5 hours)
- Long-lasting heat resistance up to +80 °C, for a short time up to +120 °C
- Weather-resistant (outdoors) without top coat for at least 6 months

Article No.	Article Description	QTY
6200 0500	RUST STOP PRIM.D.-R.L239 400ML	ed 24
6200 0510	RUST STOP PRIM.GREY L239 400ML	ed 24
6200 0501	RUST STOP PRIM.D.-R.L239 750ML	e 6
6200 0502	RUST STOP PRI.D.-R.L239 2500ML	1



6200 0500



6200 0510



6200 0501



6200 0502

Rust Stop Primer Premium Dark Red L236

- Ideal as a rust stop primer on metal (iron, steel plate)
- Fast drying
- Corrosion resistance
- Excellent final performance and adhesion
- Smooth, glossy, strong-adhesive painting surface
- Overpaintable after approx. 1 – 2 hrs, even with water-based paint

Article No.	Article Description	QTY
6200 0505	RUST ST.PR.PREM.D-R.L236 400ML	ed 24



Multi System Filler L270

- Universally adhesive polyester filler
- Fast drying, sandable after 20 min
- Colour: beige
- Guaranteed adhesion on all sanded, metallic substrates e.g. aluminum, zinc plate, steel as well as zinc plated surfaces and GRP
- Creamy viscosity allows high build filling and pore-free application

Applications:

- Universal filler for all applications

Article No.	Article Description	QTY
6260 2700	MULTI SYSTEM FILLER L270 1000G	1
6260 2705	MULTI SYSTEM FILLER L270 2000G	1



6260 2700



6260 2705

Filler L271

- Standard and basic filler
- Enables very smooth filling
- Fast drying, sandable after 25 – 30 min
- Colour: grey

Applications:

- For the filling of deep dents and holes in car bodies, truck and railway sectors, also suitable for wood
- Roughly sand the surface prior to application

Article No.	Article Description	QTY
6260 2710	FILLER L271 1000G	1
6260 2715	FILLER L271 2000G	1



6260 2710



6260 2715

Paint - Standard Colours

- Fast drying
- Overpaintable after 10 – 15 min with 1 and 2 component paints
- Temperature resistant from -35 °C to +100 °C
- Adheres to standard primers
- Fuel, weather and corrosion-resistant

Article No.	Article Description	QTY
6210 2500	PT.BLACK MATT R9005 L213 400ML	esd 24
6210 2501	PT.BLACK SF R9005 L214 400ML	esd 24
6210 2502	PT.BLACK HG R9005 L215 400ML	esd 24
6210 2510	PAINT WHEEL SILVER L216 400ML	esd 24

HG = High Gloss, SF = Satin Finish



6210 2500

6210 2501

6210 2502

6210 2510

Marker Colour Premium L298

- With 360° spraying valve
- Not lockable cap
- For marking on vertical and horizontal surfaces
- Neon-luminous paint
- Applicable for most surfaces

Article No.	Article Description	QTY
6280 2030	MARK.CLR.PREM.YELL L298 500ML	e 15
6280 2031	MARKER CLR.PREM.RED L298 500ML	e 15
6280 2032	MARK.CLR.PREM.BLUE L298 500ML	e 15
6280 2033	MARK.COL.PREM.GREEN L298 500ML	e 15
6280 2034	MARK.COL.PREM.WHITE L298 500ML	e 15
6280 2035	MARK.COL.PREM.ORANGE L298 500ML	e 15
6280 2036	MARK.COL.PREM.BLACK L298 500ML	e 15



6280 2030

6280 2031

6280 2032

6280 2033



6280 2034

6280 2035

6280 2036

Marker Colour - Fluorescent L299, 500 ml

- With bottom-up valve
- Lockable cap
- For floor- and street marking
- Fluorescent particles provide strong brilliance
- Suitable for all surfaces

Article No.	Article Description	QTY
6280 2020	MARK.COLOUR YELLOW L299 500ML	ed 24
6280 2021	MARKER COLOUR RED L299 500ML	ed 24
6280 2023	MARKER COLOUR WHITE L299 500ML	ed 24
6280 2024	MARKER COLOUR GREEN L299 500ML	ed 24



6280 2020

6280 2021

6280 2023

6280 2024

Marker Colour - Fluorescent L299, 400 ml

- With standard valve
- For marking walls, trees and other vertical surfaces
- Fluorescent particles provide strong brilliance
- Suitable for all surfaces

Article No.	Article Description	QTY
6280 2012	MARK.COLOUR YELLOW L299 400ML	ed 24
6280 2014	MARKER COLOUR BLUE L299 400ML	ed 24



6280 2012

6280 2014

Marker Colour - Neon L297

- With bottom-up valve
- Lockable cap
- For street- and floor marking
- Neon-luminous paint
- Suitable for almost all surfaces

Article No.	Article Description	QTY
6280 2040	MARK.CLR.NEON.YEL.L297 500ML	e 12
6280 2041	MARK.CLR.NEON.RED L297 500ML	e 12
6280 2042	MARK.CLR.NEON.BLUE L297 500ML	e 12
6280 2043	MARK.CLR.NEON.GREEN L297 500ML	e 12
6280 2044	MARK.CLR.NEON.WHITE L297 500ML	e 12



6280 2040

6280 2041

6280 2042

6280 2043

6280 2044

Construction Marker L200 **FÖRCH*******

- High-quality markers with very high opacity and luminosity
- Adhesion to the substrate >9 months
- Transport-safe cap with 1-hand operation
- 360°-valve, spraying in every position possible
- Coverage: approx. 60 - 90 meters per can
- Can be used with the 1-wheel marker stick (Art. No. 6280, 5099)



Article No.	Article Description	QTY
6280 5010	CON.MARK.YELLOW L200 500ML 5*	ed 24
6280 5011	CON.MARK.RED L200 500ML 5*	ed 24
6280 5012	CON.MARK.BLUE L200 500ML 5*	ed 24
6280 5013	CON.MARK.GREEN L200 500ML 5*	ed 24
6280 5014	CON.MARK.ORANGE L200 500ML 5*	ed 24
6280 5015	CON.MARK.PINK L200 500ML 5*	ed 24



6280 5010



6280 5011



6280 5012



6280 5013



6280 5014



6280 5015

1-Wheel Marker Stick

- For ground marking over a longer distance
- Length: approx. 100 cm
- Only compatible with Construction Marker L200 and Marker Colour Premium L298



Article No.	Article Description	QTY
6280 5099	1-WHEEL MARKER STICK	1



Line Marker L204

- Durable, abrasion-resistant line marker
- Designed specifically for long-lasting marking of parking places, for example, or in warehouses etc.
- High degree of resistance to ageing and weathering
- Adhesion to the substrate: at least 12 months
- Coverage: approx. 100 - 120 meters per can
- Can be used with the line marker trolley (Art. No. 6280, 6099)

Article No.	Article Description	QTY
6280 6010	LINE MARKER WHITE L204 750ML	e 6
6280 6011	LINE MARKER YELLOW L204 750ML	e 6



6280 6010



6280 6011

Line Marker Trolley

- Sturdy construction for quiet running while marking
- For precise, straight line marking in car parks, warehouses, etc.
- The can can be clamped centrally or on the left or right hand side
- The marking width can be regulated by adjusting the height of the can being sprayed
- Height of handle is adjustable
- Reserve magazine for up to 6 cans
- Compatible only with the L204 line marker (Art. No. 6280 6010)



Article No.	Article Description
6280 6099	LINE MARKER TROLLEY



Quick Cement

- Free from chloride - no corrosion with the used materials – universally applicable
- Setting time 3 – 5 minutes – fast assembly with fast resilience – saves time
- Mineral compound quickcement - ready mixed formulation
- Suitable to cement and fix of:
door frames, ornament and security grills, radiators, awnings, shutters, toilet and bidet pedestals, garage doors, letterboxes, banisters and supports, outdoor lights, fences, fuel pumps, drains both interior and exterior, intercom, pipes, lines, chimney surrounds etc.

Storage:

- Quick cement when stored dry can keep up to 12 months in original unopened packaging.

Usage instructions:

- Wet the surface sufficiently. Mix the quickcement with clean water to a plastic compound. Once mixture hardens stop adding water.

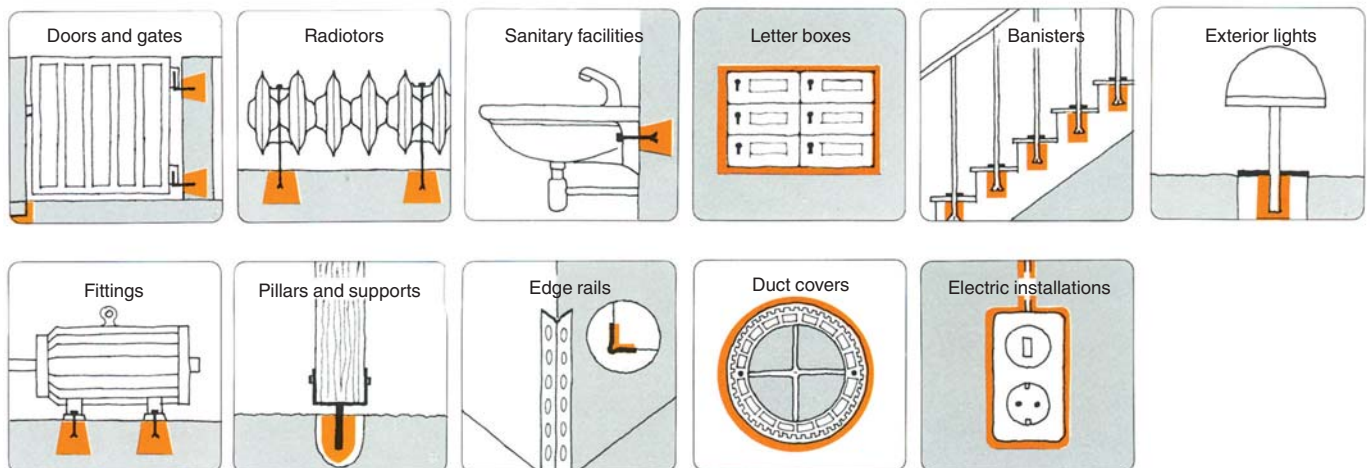
Technical Data

Drip-time:	1 – 2 minutes
Setting period:	approx. 3 minutes
Handling temperature:	not below 5°C do not use if ground frost is expected
Water requirement:	approx. 0.3 l/kg = 1/3 water and 2/3 quickcement



Colour sample

Applications



Article No.	Article Description	QTY
6880 5	KG<5>QUICKCEMENT IN BUCKET	5
6880 15	KG<15>QUICKCEMENT IN BUCKET	15
6880 5 1	KG<5>QUICKCEMENT BUCKET 5X1KG	5

Formwork Release Oil

- A high-quality, semi-synthetic and non-water-soluble universal release agent
- Does not stain concrete surfaces and is economical to use and therefore particularly cost-effective
- Free of waxes, silicones and solvents
- Environmentally friendly and readily biodegradable

Applications:

- Used for all types of formwork common in concrete factories and structural engineering: for non-absorbent or slightly absorbent formwork (phenolic resin formwork facing etc.) and for solid plastic and plastic-coated formwork facing
- Suitable for timber, metal and plastic formwork and can also be used for heated formwork up to a temperature of +80 °C

Technical Data

Appearance: clear
Density (15 °C DIN 51 757): 860 kg/m³



Article No.	Article Description	QTY
6880 26 30	CAN(30L)FORMWORK RELEASE OIL	1
6880 26 1000	1000 L FORMWORK RELEASE OIL	1

Formwork Release Oil Sprayer 3585P 10 Litres

- Can be worn on the back
- Inspection glass enables you to check the oil level
- Polyester-coated steel container
- Flexible 2.5 m long spiral hose with safety latch
- Spray and extension pipe holder
- Brass spray pipe, 50 cm, 360° rotatable
- Precision flat spray nozzle with a fine nozzle
- Large filling opening with funnel cover

Technical Data

Filling volume: 10.0 l
Overall volume: 13.0 l
Operating pressure: 6 bar
Operating temperature: max. 40 °C
Empty weight: 5.5 kg



Article No.	Article Description	QTY
5422 3	FORMW.REL. OIL SPR.3585P 10L	1

Asphalt Paving

- An innovative, newly developed, reactive, curing, high-performance-cold asphalt for repairing road and parking areas, made of concrete or asphalt for all load classes
- Hardens very quickly and has very good adhesion to existing asphalt and concrete surfaces, even when wet
- 100 % free of solvents and once cured is fully recycable just like conventional hot mixes
- Particularly suitable for smoothing potholes and frost buckling, filling of drill holes after sampling, creating ramps and levelling out bumps
- For levelling up road fixtures such as manhole covers or access covers



Technical Data

Particle size:	0/4 mm
Colour:	black
Ambient temperature:	-15 °C to + 40 °C
Material temperature:	+2 °C to +25 °C
Application rate:	see coverage table in Technical Data Sheet

Article No.	Article Description	QTY
6880 25	KG<25> ASPHALT PAVING	25

Your Advantage / Benefit

- Very easy to work and immediately fit for traffic
- Once installed has very high durability comparable to that of conventional hot mix asphalt
- Can be processed at temperatures below 0 °C
- Especially suitable for repair of heavy-duty traffic areas

Application

- The substrate must be stable and free of loose particles, coarse dirt, standing water and ice
- The damaged area should be dry or may be slightly damp
- Pour the cold asphalt directly from the bucket into the area to be repaired, with 5 – 10 % extra, spread and compact with a suitable device (tamper, vibrating plate compactor, roller etc)
- After compacting, sprinkle with sand, to prevent spoiling the colour of the traffic area



Related Products

- Concrete rammer
Art.-No. 5417 20



- Alu-Tar Distr. Hollow pro 70ml
Art.-No. 5417 700 1



- Nitrile Gloves Yellow Partly Coated
Art.-No. 5405 21, size 8
Art.-No. 5405 22, size 9
Art.-No. 5420 23, size 10



Boiler Cleaner Oil

- For problemfree, fast cleaning of oil-powered boilers
- Cleans even stubborn, non-combustible coatings such as sulphate
- Lessens the corrosion sensitivity and the creation of new coatings
- Improves the heat transfer and so saves energy

Usage instructions / general information:

- Slightly foaming
- Do not spray on burner and electrical components
- Ensure sufficient chimney draught during use
- Store frostfree

Application:

1. Switch off burner and open boiler room
2. Spray the dirty inner surfaces of the boiler with **FÖRCH Oil Boiler Cleaner** and allow to react for a short time. Then heat the boiler well. This process will have removed the most stubborn soot and sulphate coatings.
3. Once the boiler cooled down, open the boiler room again and Hoover the remaining residue

Article No.	Article Description	QTY
6890 410	BOILER-CLEANER OIL 500ML	e 12
6620 6091	AEROSOL-ADAPTER 60CM	1



Boiler Cleaner Gas

- For problemfree, fast cleaning of gas-powered boilers
- Cleans even stubborn, non-combustible coatings such as sulphate
- Lessens the corrosion sensitivity and the creation of new coatings
- Improves the heat transfer and so saves energy

Usage instructions / general information:

- Slightly foaming
- Do not spray on burner and electrical components
- Ensure sufficient chimney draught during use
- Store frostfree

Application:

1. Switch off burner and open boiler room
2. Spray the dirty inner surfaces of the boiler with **FÖRCH Oil Boiler Cleaner** and allow to react for a short time. Then heat the boiler well. This process will have removed the most stubborn soot and sulphate coatings.
3. Once the boiler cooled down, open the boiler room again and Hoover the remaining residue.

Article No.	Article Description	QTY
6890 610	BOILER-CLEANER GAS 500ML	e 12
6620 6091	AEROSOL-ADAPTER 60CM	1



Burner Cleaner

- To clean heavily soiled burner parts residue-free, e.g. pressure plates, burner nozzles, fan wheels and ignition electrodes, burner and boiler casing
- Removes oil, fat and wax from all bare metal surfaces
- Due to cleaning with FOERCH burner cleaner it also works as corrosion protection

Usage instructions / general information:

- Slightly foaming
- Spraying of conducting parts has to be avoided

Application:

- Switch off burner and boiler at main switch.
- Spray on burner components which require cleaning and leave to rest for a moment.
- Dry with an absorbing cloth, e.g. Art.-No. 5413 10 3-ply blue to remove residue.

Article No.	Article Description	QTY
6890 400	BURNER-CLEANER 500ML	e 12



Expansion Tank Filling Gas

- Special gas for correction and completion of the pressure cushion in the diaphragm type expansion tank (DTET) at heating, pressure water and oil providing facilities
- Prevents the corrosion in the DTET

Usage instructions:

- Screw the adapter (Art.-No. 6890 4010) to the can valve, then clamp the filling valve to the expansion tank and check the pressure value on the manometer
- By turning the ball cock restore the correct nominal pressure
- Shut off the burner during the filling process
- Ventilate sufficiently after filling
- Always keep can upright during the filling process

Article No.	Article Description	QTY
6890 4000	DS(400ML)TANK FILLING GAS	e 12



Connection Adapter For Tank Filling Gas

- Adapter to connect the expansion tank filling gas can to the diaphragm type expansion tank (DTET)
- Hose length: 50 cm
- Pressure: max. 4 bar

Article No.	Article Description	QTY
6890 4010	CONNECTION ADAPTER F.TANK FILL	1



Leakage Finder Frost-Proof **FÖRCH*******

- For maintenance and control of gas and compressed air systems in the area of production, refinery, heating technique, hospital technique, refrigeration engineering etc.
- Suitable for cryogenic gases
- Even the smallest leaks are indicated reliably by bubble formation
- Allows punctual spraying by controlled actuation of the spray head
- DVGW tested
- Non-inflammable propellant, non-corrosive, pH-neutral
- Suitable up to -15 °C

Article No.	Article Description	QTY
6890 500	LEAK.FIND.FROST-PROOF 400ML 5*	e 12



Leak Detector

- Reliable detection of leaks in compressed air and gas systems
- Non-corrosive
- DVGW approval

Art.-No. 6730 0800:

- With ball valve, usable in all positions

Article No.	Article Description
6730 0800	LEAK DETECTOR 400ML
6730 0805	LEAK DETECTOR 5L



6730 0800



6730 0805

Enkolit Metal Cold Glue

- For adhesion of metal profiles and sheet metal made from titaanzinc, copper, aluminium, stainless steel, lead etc. onto a range of building materials
 - Universally applicable
- Durable adhesive compound
 - No running of adhesive on vertical surfaces
 - Ideal for adhesion of window sills, vergeboards and rainwater pipes as well as metal casings
- All-over adhesion
 - No cavity
 - Prevents nesting of insects and drumming noises caused by rain
 - Prevents corrosion damage due to moisture on the underside of the sheet
- Complies with DIN 1055 „design load for buildings (wind load)“
- Corresponds to the report regarding adhesive strength after 30 years by Richard Gruen Institute

Processing instructions:

- For adhesion from sheet metal on sheet metal an additional, mechanical fixing has to be applied
- The consumption herefore may not exceed 1.5 kg/m²

Laying on horizontal surfaces:

- A 10 cm wide sheet has to be adhered on wall, attic or balustrade cladding which consist of several components
- An expansion compensation has to be created for continuous metal profiles

Laying on sloping or vertical surfaces:

- In order to prevent sliding of the freshly fitted metal sheets, it is necessary to apply mechanical fix points
- Enkolit metal cold glue has to be applied on both sides for vertical application
- Pressure has to be applied when fixing the components together
- Porous and priming surfaces have to be primed

Important:

- When applying Enkolit on both components parts which need to be fitted together, then it is important that the grooves run in the same direction
- If the adhesion surfaces are more than 30 cm wide, then Enkolit has to be applied on both sides
- This does not mean to apply double quantities, but to apply the designated quantity of Enkolit equally on both sides

Following surfaces are not suitable for Enkolit metal cold glue:

- Roof sheeting, bituminous surfaces, plastic foils as they are used for roofing, non-mineral insulating materials e.g. polystyrole, silicone, butyl, Thiokol, acrylic and polyurethane-adhesives



Technical Data

Colour:	black
Handling temperature: (environment and surface)	+5°C to +30°C
Consumption even surface:	approx. 2-3 kg/m ²
Adhesive range:	max. 60 min after application

Article No.	Article Description	QTY
6880 11	ENKOLIT METAL-COLDGLUE 11KG	1
6880 11 4	ENKOLIT METAL-COLDGLUE-SO 11KG	1
6880 11 5	ENKOLIT METAL-COLDGLUE-WI 11KG	1
6880 11 1	ENKOLIT METAL-COLDGLUE 310ML	12

- Art.-No. 6880 11: spring / autumn quality
- Art.-No. 6880 11 4: summer quality
- Art.-No. 6880 11 5: winter quality
- Art.-No. 6880 11 1: applicable universal all-season



right



wrong

Repair Kit, Hard and Soft Wax

- For the removal of scratches, holes, indentations and flaking
- Ideal for laminate and varnished surfaces such as parquet, stairs, furniture, cork, doors etc.
- The hard wax is very resilient, melts easily and can be painted
- The enclosed protective varnish (seamless finishing lacquer) protects the repaired area from dust and dirt
- High-grade tools make repair very easy
- The colours can be mixed together
- Use only the transparent hard wax for indentations
- All materials for good and permanent repairs are contained in the kit
- Simple handling

Article No.	Article Description	QTY
6881 1	REPAIR KIT HARD AND SOFT WAX	1

Scope of delivery:

- 30 sticks of melting filler size 01, sorted
- 10 sticks of soft wax size 01, sorted
- 10 touch-up sticks with valve system, sorted
- 1 can of finishing lacquer satin finish seamless 150 ml
- 1 plastic spatula with teeth and comb for cleaning
- 1 gas melter with gas refill
- 1 cleaning cloth and non-woven abrasive



Hard Wax Set, 20 pcs.

- Moderately hard repair kit for heavily loaded surfaces such as parquet or laminate flooring, cork floor covering, furniture, synthetic resin surfaces, kitchens, windows etc.
- Use a gas or battery melter to liquefy and apply the hard wax
- Then use the plastic spatula to scrape off the excess material
- The colours can be mixed together
- Always work with several colours for inconspicuous repair

Article No.	Article Description	QTY
6881 3	HARD WAX SET 20-PCE	1

Scope of delivery:

- 20 piece melting filler set, sorted
 pine 105, birch 107, natural oak 111, medium oak 112, bog oak 113, light cherry wood 114, dark cherry wood 115, medium beech 117, dark beech 118, light walnut 119, Elm 143, muted beech 155, ash sapwood 159, pine sapwood 167, pine heartwood 168, bird's eye maple 173, spruce 176, white glazed spruce 177, black 135, special white 142



Hard Wax



Article No.	Article Description	QTY
6881 3 101	HARDW-DUO PACK EGGSHELL WH 101	1
6881 3 105	HARDW-DUO PACK PINE 105	1
6881 3 107	HARDW-DUO PACK BEECH 107	1
6881 3 108	HARDW-DUO PACK LARCH 108	1
6881 3 109	HARDW-DUO PACK SPRUCE/PINE 109	1
6881 3 111	HARDW-DUO PACK OAK LIGHT 111	1
6881 3 112	HARDW-DUO PACK OAK MEDIUM 112	1
6881 3 113	HARDW-DUO PACK BOG OAK 113	1
6881 3 114	HARDW-DUO P. CHERRY WOOD WH101	1
6881 3 119	HARDW-DUO WALNUT LIGHT 119	1
6881 3 123	HARDW-DUO PACK MACORE 123	1
6881 3 124	HARDW-DUO PACK ASH OLIVE 124	1
6881 3 129	HARDW-DUO PACK MAHAGONY 129	1
6881 3 134	HARDW-DUO PACK EBONY 134	1
6881 3 135	HARDW-DUO PACK BLACK 135	1
6881 3 136	HARDW-DUO PCK MOTH.O.PEA.136	1
6881 3 139	HARDW-DUO PACK GREY RAL7035139	1
6881 3 150	HARDW-DUO PACK LINEN 150	1
6881 3 157	HARDW-DUO PACK IROKO 157	1
6881 3 159	HARDW-DUO PACK ASH SAPWOOD112	1
6881 3 160	HARDW-DUO PACK ASH HEARTW. 160	1
6881 3 166	HARDW-DUO PACK ASH SAND 166	1
6881 3 168	HARDW-DUO P. PINE HEARTW. 168	1
6881 3 169	HARDW-DUO PACK PEARL GRAY 169	1
6881 3 173	HARDW-DUO P.BIRD'S EYE MAP173	1
6881 3 175	HARDW-DUO PACK BEECH 175	1
6881 3 176	HARDW-DUO PACK SPR.TRANS 176	1
6881 3 190	HARDW-DUO PACK RAL 9010 190	1
6881 3 191	HARTW-DUO PACK WH RAL 9016191	1
6881 3 209	HARDW-DUO PACK ALM.BEIGE 209	1

Scope of delivery:

- 2 in number in film pouch

Colour name	Colour No.	Colour representation*
eggshell white	101	
pine	105	
beech	107	
larch	108	
spruce / pine	109	
light oak	111	
medium oak	112	
bog oak	113	
light cherry wood	114	
light walnut	119	
macore	123	
olive ash	124	
mahagony	129	
ebony	134	
black	135	
mother-of-pearl	136	
grey RAL 7035	139	
linen	150	
iroko	157	
ash sapwood	159	
ash heartwood	160	
ash sand colours	166	
pine heartwood	168	
pearl grey	169	
bird's eye maple	173	
beech	175	
transparent spruce	176	
RAL 9010	190	
white RAL 9016	191	
almond beige	209	

*representation of colours not binding

Soft Wax Kit, 20 pce.

- Soft wax can be used to repair small cracks and damage to stained, frosted, glazed and coated wood and plastic surfaces.
- Good material malleability makes it easy and fast to work with
- The repaired areas do not fade and can be coated with wood varnishes
- Good adhesive strength
- For applications in interior construction

Article No.	Article Description	QTY
6881 2	SOFT WAX KIT 20-PCE	1

Scope of delivery:

- 20 piece soft wax kit, sorted
 pine 05, birch 07, natural oak 11, medium oak 12, bog oak 13, light cherry wood 14, dark cherry wood 15, medium beech 17, dark beech 18, light walnut 19, Elm 43, muted beech 55, ash sapwood 59, pine sapwood 67, pine heartwood 68, bird's eye maple 73, spruce 76, white glazed spruce 77, black 35, special white 42



Soft Wax



Article No.	Article Description	QTY
6881 2 11	SOFTW-DUO PACK NATURAL OAK 11	1
6881 2 12	SOFTW-DUO PACK OAK MEDIUM12	1
6881 2 19	SOFTW-DUO WALNUT LIGHT 19	1
6881 2 35	SOFTW-DUO BLACK 35	1
6881 2 73	SOFTW-DUO P. BIRD'S EYE MA.73	1
6881 2 75	SOFTW-DUO BEECH 75	1
6881 2 76	SOFTW-DUO SPRUCE TRANS 76	1
6881 2 77	SOFTW-DUO WHITE SPRUCE 77	1
6881 2 90	SOFTW-DUO WHITE 90	1
6881 2 91	SOFTW-DUO PURE WHITE 91	1

Scope of delivery:

- 2 in number in film pouch

Colour name	Colour No..	Colour representation*
natural oak	11	
medium oak	12	
light walnut	19	
black	35	
bird's eye maple	73	
beech	75	
transparent spruce	76	
white spruce	77	
white	90	
white RAL 9016	91	

*representation of colours not binding

Touch-up Pens

- With valve system
- For touch-up and repair of small damages in the surfaces or varnished wood surfaces, e.g. for sanded-through veneers
- For repaired veneer areas
- For matching sapwood to solid wood
- For retracing of grain or for transport damage to furniture



Article No.	Article Description	QTY
6881 4 08	TOUCH-UP PIN LARCH 08	e 5
6881 4 11	TOUCH-UP PIN OAK LIGHT 11	e 5
6881 4 14	TOUCH-UP PIN CHERRY W.LIGHT 14	e 5
6881 4 18	TOUCH-UP PIN ALDER 18	e 5
6881 4 19	TOUCH-UP PIN WALNUT 19	e 5
6881 4 29	TOUCH-UP PIN MOHAGONY 29	e 5
6881 4 35	TOUCH-UP PIN BLACK 35	e 5
6881 4 41	TOUCH-UP PIN SPRUCE 41	e 5
6881 4 42	TOUCH-UP PIN WHITE 42	e 5
6881 4 71	TOUCH-UP PIN BEECH LIGHT 71	e 5

Colour name	Colour No..	Colour representation*
larch	08	
natural oak	11	
light cherry wood	14	
alder	18	
walnut	19	
mahogany	29	
black	35	
spruce	41	
white	42	
light beech	71	

*representation of colours not binding

Gas Melter

- For the melting and application of hard wax to the damaged point
- The wireless gas melter can be used in a versatile manner
- Easy to handle pen shape
- Easy control of the processing temperature
- Operated with commercially available lighter gas

Article No.	Article Description	QTY
6881 5	GAS MELTER	1



Plastic Spatula

- For the application of soft wax to the damaged point
- Remove and plane off excess hard and soft wax
- The sharp-toothed inner comb is used to clean the plane

Article No.	Article Description	QTY
6881 6	PLASTIC SPATULA	1



Transparent Finishing Varnish

- The finishing varnish can be used to seamlessly match the repair point to its surrounding area without any unsightly transitions and restore the original surface gloss
- Optimal flow properties

Usage instructions:

- Shake the can before use and spray from a distance of 30 – 40 cm

Article No.	Article Description	QTY
6881 7	TRANSPARENT FINISH.VARNISH	1



Wood Cement

- Ready to use
- Used to repair wood
- To fill in, model and seal
- Connects with wood, metal, glas, leather etc.
- Shockproof, temperature resistant, waterproof and acid resistant
- Can be sawed, polished, nailed, etched and varnished

Article No.	Article Description	QTY
6881 20	WOODCEM. 200G PINE	1
6881 21	WOODCEM. 200G SPRUCE	1
6881 23	WOODCEM 200G OAK LIGHT	1
6881 24	WOODCEM 200G OAK RUSTIC	1
6881 26	WOODCEM 200G BEECH NATURE	1
6881 27	WOODCEM 200G BEECH MUTED	1
6881 28	WOODCEM 200G MAHOGANY MERANTI	1
6881 29	WOODCEM 200G MAPLE	1



Wood Cement - Special Solvent

- One component
- To create your own wood cement
- Fine sanding dust of the required wood type can be mixed with a special solvent to a dough like consistency

Article No.	Article Description	QTY
6881 31	WOODCEMENT-SPECIALSOL. 1L	1



Thinner for Wood Cement and Special Solvent

- To re-soften and thin wood cement and to clean tools

Article No.	Article Description	QTY
6881 50	THINNER F. WOODCEMENT 1L	1

