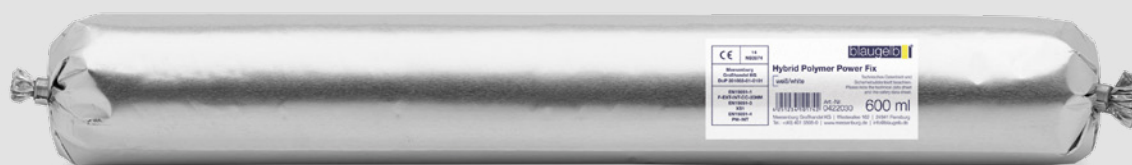




The **blaugelb Hybrid Polymer Power Fix white** for very high-performance sealing and fastening.



## blaugelb Hybrid Polymer Power Fix white

The Power Fix sealing compound – a component of the blaugelb Trio**therm**<sup>+</sup> system.

### Product features:

The blaugelb Hybrid Polymer Power Fix 600 ml white is a one-component permanently elastic sealant that is suitable for sealing expansion and connecting joints.

Formulated on the basis of a hybrid polymer, it exhibits particularly high initial adhesion and rapid full cure. The blaugelb Hybrid Polymer Power Fix 600 ml white is waterproof, weather and UV-resistant and also resistant to many chemicals. Thanks to its outstanding initial adhesion, it can usually be applied without primer to almost all – even wet – substrates encountered in construction. Because the blaugelb Hybrid Polymer Power Fix 600 ml white exhibits not only excellent sealing properties but is also particularly suitable for fastening components, the product is part of the pre-wall installation system blaugelb Trio**therm**<sup>+</sup>, where it is used as a sealant and adhesive for fitting the blaugelb Trio**therm**<sup>+</sup> Profiles, in conjunction with the triangular nozzle.

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- Outstanding initial adhesion on various substrates
- Rapid full cure
- High-performance sealing
- Weather and UV-resistant
- System component of the tested pre-wall installation system blaugelb Trio**therm**<sup>+</sup>
- Exceptional final adhesion (320 kg/10 cm<sup>2</sup>)
- Tested to be very low in emissions according to EMICODE EC1 Plus



Applications: blaugelb Trio**therm**<sup>+</sup> pre-wall installation system, sealing of connecting joints on windows and roller shutter cases, fastening and sealing in the metal and construction industry, for door frames, window sills, plates, panels, strips, wood constructions and insulating materials.

Substrates: Metals (steel, aluminium, brass, zinc etc.), plastics (polycarbonate, PVC, ABS, polyamide, PMMA and GRP), cork, stone, enamel, glass, wood, HPL. Very well suited for concrete and cement-bonded fibre-board, sand-lime brick, vertically perforated brick and aerated concrete. The substrate should always be well cleaned for each application and not show any traces of release oil etc. Incompatibility (e.g. discolourations) may occur with natural stone. Do not use on PE, PP, PTFE or silicones.

Product benefits:

- Outstanding initial adhesion on various substrates
- Rapid full cure
- High-performance sealing
- Weather and UV-resistant, non-fading
- System component of the tested pre-wall installation system blaugelb Trio**therm**<sup>+</sup>
- Exceptional final adhesion (320 kg/10 cm²)
- Universally usable for sealing and fastening
- Very good processability, moisture and temperature-resistant
- Permanently elastic, compensates for unevenness and material movements
- Silicone, isocyanate, solvent, halogen and acid-free
- Non-corrosive
- Virtually odourless
- Exceptionally suited for time-critical application due to its fast processability
- Cured by atmospheric humidity from outside inwards
- Very good coatability according to DIN 52452-A1\*, can be painted over wet-in-wet
- Suitable for all standard construction surfaces\*
- Building material class B2 (DIN 4102)
- Tested to be very low in emissions according to EMICODE EC1 Plus

Technical data:

Material base:	1C hybrid polymer
Colour:	White
Curing system:	Polymerisation by atmospheric humidity
Building material class: DIN 4102-4	B2
Curing speed: At 23 °C and 50 % RH	Approx. 3 mm / 24 h
Skin formation: At 23 °C and 50 % RH	Approx. 5 minutes
Density: DIN 53479	1.47 g/ml
Shore A hardness: DIN 53505	60 +/- 5
Max. permissible deformation:	20 %
Change in volume: DIN EN ISO 105636	-3 to -4 vol. %
Tensile strength: DIN 53504	3.5 N/mm²
Tensile shear strength: DIN 53504	1.4 N/mm²

Modulus of elasticity 100 %: DIN EN ISO 8339	2.3 N/mm²
Elongation at break: DIN 53504	400 %
Elastic recovery: ISO 7389-B	> 75 %
Solvent content:	Free
Isocyanate content:	Free
Processing temperature:	Ambient: 0 °C to +40 °C Substrate: 0 °C to +35 °C
Temperature resistance:	From -40 °C to +90 °C
Moisture resistance:	Waterproof
Ecological report:	EMICODE EC1 Plus
Overpainting:	Very good coatability according to DIN 52452-A1, can be painted over wet-in-wet
Shelf life:	12 months in unopened pack at +5 °C to +25 °C
Delivery form:	600 ml tubular bag

Product name	PU	Item no.
blaugelb Hybrid Polymer Power Fix 600 ml white	20 bags	0422030

Preparation and processing:

The substrate must be firm, stable, clean and free of grease, dust and loose parts. The blaugelb Hybrid Polymer Power Fix 600 ml white also adheres to moist surfaces and even under water, but the best adhesion is achieved on dry substrates. Before application, the suitability of the material for the intended application is to be verified through appropriate tests performed by the customer.

Curing takes place by reaction with atmospheric humidity from the outside inwards, and therefore slows down as time passes. Curing also slows down at low temperatures and/or if atmospheric humidity is low. The blaugelb Hybrid Polymer Power Fix 600 ml white can be smoothed off before skin formation.

Cleaning and repair:

Before curing, it can be cleaned using turpentine substitute; after curing, blaugelb Hybrid Polymer Power Fix 600 ml white can be removed with a silicone remover or mechanically. Repairs to the joint of blaugelb Hybrid Polymer Power Fix 600 ml white can be performed using the same material.

Delivery and storage form:

Store in the original packaging in a dry place and protect against effects of frost and heat. Can be stored for 12 months at a storage temperature between +5 °C and +25 °C.

Disposal:

The disposal conforms with the national specifications.

Safety note:

Please note the safety data sheets.