

Provides **constructional connections** in window construction.



blaugelb PVC-Adhesive

Solvent-welding agent for rigid PVC.

Product features:

The blaugelb PVC-Adhesive forms constructional connections by means of solvent welding of rigid PVC materials in plastic window construction. The blaugelb PVC-Adhesive rapidly and reliably welds all kinds of rigid PVC parts, and particularly profile material such as drain gutters, baffle strips, weatherboarding and roller shutter parts. It is also especially suitable for bonding ABS (pipes, panels, injection moulded parts) and ASA. Not suitable for PMMA and acrylic surfaces.

The thixotrope properties of the blaugelb PVC-Adhesive makes work on vertical substrates easier because it does not run or drip off. Because it does not contain tetrahydrofuran (THF), classified as a suspected carcinogen, in the solvents, the blaugelb PVC-Adhesive helps to improve health protection.

- Very good processability
- Moisture and temperature-resistant
- Weather and UV-resistant
- Non-yellowing
- Forms a weld with a tough but flexible adhesive joint

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The innovative additive SORBEX®9 imparts more weather protection. It makes the blaugelb PVC-Adhesive especially light-fast and weatherproof. UV resistance is tested by means of the xenon test to DIN 53387. After curing, the blaugelb PVC-Adhesive forms a tough but flexible adhesive joint which in effect welds together the parts to be bonded.

Product benefits:

- Very good processability
- Moisture and temperature-resistant
- Weather and UV-resistant
- Non-yellowing
- Forms a weld with a tough but flexible adhesive joint
- Good chemical resistance

Technical data:

Material base:	Polymers of vinyl chloride in dissolved form
Colour:	Colourless, white
Consistency:	Thixotropic
Density:	Approx. 0.91 kg/l
Coverage:	Approx. 250 – 400 g/m² surface application
Film:	Tough but flexible when cured
UV resistance: DIN 53387	Confirmed by xenon test
Chemical resistance:	Highly resistant to water, alcohol, oils, petrol, diluted bases and acids
Resistance to yellowing:	Non-yellowing after weathering action for over 40 hours No change in colour whatsoever at exposure to temperatures of up to +75 °C
Temperature resistance:	From –25 °C to +90 °C
Processing temperature:	+5 °C to +25 °C
Hazard class: Regulation (EC) No. 1272/2008	Hazard categories: flammable liquids: Flam. liq. 2

Product name	PU	Item no.
blaugelb PVC-Adhesive colourless 180 g	50 tubes	9017100
blaugelb PVC-Adhesive white 180 g	50 tubes	9017101

Preparation and processing:

Bonding surfaces must be free of dirt and grease. For pre-cleaning we recommend blaugelb Cleaner S 10 UVA, preferably with undyed crepe paper. Before application, the suitability of the material for the intended application is to be verified through appropriate tests performed by the customer.

Apply the blaugelb PVC-Adhesive to one surface directly from the tube. Join the parts together immediately, but after 30-60 seconds at the latest, and hold together for 2-4 minutes. Excess adhesive can be removed with a scraper once dry.

At temperatures from +18 °C to +25 °C, the functional strength is achieved after 5 minutes. At temperatures below +10 °C, period that is two to three times as long is to be expected. Complete curing is achieved after 24 hours.

The adhesive contains solvent. Ventilate well during and after use. No naked flames or lights in working or adjoining rooms, avoid sparking. Do not smoke, do not weld. Take measures to prevent the build-up of electrostatic charge. Only for trade use.

Delivery and storage form:

Membrane tube 180 g / 200 ml. Store container well sealed, in original packaging and dry. Protect against temperatures below +5 °C and effects of 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.