



Low-viscosity instant adhesive for non-absorbent substrates.



## blaugelb Instant Adhesive CA 5

Achieves a permanent bond in seconds.

### Product features:

The blaugelb Instant Adhesive CA 5 is a quick-hardening, one-component adhesive for bonding non-absorbent materials. In window and façade construction, it is used especially for bonding butt and mitre joints of rubber sealing strips made from APTK or EPDM, profile and sealing cords of solid and foam rubber, as well as synthetic elastomers (e.g. chloroprene rubber).

Many more uses are also possible. The blaugelb Instant Adhesive CA 5 is highly suitable for joining metal to plastics, for example, and does not attack PMMA or acrylic. Mineral substrates such as stone, granite etc. can be bonded. The blaugelb Instant Adhesive CA 5 can also be used for a wide range of everyday bonding tasks except on porous or absorbent surfaces.

- Hardens very quickly
- Easy-to-use dropper bottle
- Suitable for PMMA and acrylic surfaces
- Moisture and temperature-resistant
- Weather and UV-resistant, non-yellowing

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The blaugelb Instant Adhesive CA 5 exhibits low viscosity at approx. 15 – 30 mPa\*s and is therefore runny. The application can be matched precisely to the requirements. For applications that call for a higher viscosity, the blaugelb Instant Adhesive CA 5 VL is the right choice.

### Product benefits:

- Hardens very quickly
- Easy-to-use dropper bottle
- Suitable for PMMA and acrylic surfaces
- Moisture and temperature-resistant
- Weather and UV-resistant, non-yellowing
- Solvent-free
- Forms a force-locking connection with a tough but flexible adhesive joint
- Good chemical resistance

### Technical data:

Basis:	Ethyl cyanoacrylate
Colour:	Colourless
Consistency:	Thin, approx. 15-30 mPa*s
Density:	1.05 g/cm <sup>3</sup>
Film:	Tough but flexible when cured
Processing temperature:	+5 °C to +30 °C
Temperature resistance:	Permanent up to +90 °C
Chemical resistance:	Highly resistant to oils, greases, mild acids and alkalis
Tensile shear strength:	For various types of rubber: 13 N/mm <sup>2</sup> at +25 °C
VOC content:	Free

Product name	PU	Item no.
blaugelb Instant Adhesive CA 5 20 g (low-viscosity)	20 bottles	0008435

### Preparation and processing:

Bonding surfaces must be free of dirt and grease. It is advisable to roughen metallic surfaces. Curing takes longer in low atmospheric humidity or at low ambient temperatures; a humidity of 50 to 70 % at the point of use is therefore recommended. Before using, allow the adhesive to reach room temperature (approx. +20 °C).

Before application, the suitability of the material for the intended application is to be verified through appropriate tests performed by the customer.

**Attention:** Cyanoacrylate – danger: will stick the skin and eyelids together in seconds. Keep away from the skin, keep out of reach of children. Only for trade use.

Apply the blaugelb Instant Adhesive CA 5 to one surface directly from the dropper bottle. Apply either in dots or thin lines, as required. Do not spread the adhesive. Join the parts together immediately and keep pressed for 20-60 seconds depending on the material. The parts to be bonded should be positioned precisely as readjustment will not be possible, depending on the curing speed. Remove excess adhesive from the bottle immediately; it can only be removed mechanically once it has set.

Functional strength is achieved after pressing together for max. 20 seconds; final strength is achieved after 12 hours. Adhesive joints on rubber exhibit high tensile shear strength.

### Delivery and storage form:

PE dropper bottle 20 g. Store container tightly closed. Protect against sunlight, moisture and heat.

The shelf life depends on the storage temperature:

At room temperature (+20 °C)	Approx. 12 months
At refrigerator temperature	More than 12 months
At deep freezer temperature (approx. -18 °C)	Almost indefinitely,
At temperatures above +20 °C	Shelf life significantly shorter.

Allow to reach room temperature before use.

### Disposal:

The disposal conforms with the national specifications.

### Safety note:

Please note the safety data sheets.