

Q instant adhesive

Fast-curing 1C adhesive for industrial applications and use in specialist workshops.

Properties:

greenteQ instant adhesive is a fast-curing 1C adhesive for industrial applications and use in specialist workshops. Fields of application include sealing technology, waste water technology as well as the plastics and metal-working industries. The adhesive is widely used for the gluing of rubber and plastic surfaces. In window construction, greenteQ instant adhesive is used for the gluing of EPDM sealing

profiles in mitre joints, butt joints, etc. with other EPDM profiles and with hard PVC and aluminium profiles. The key advantages of greenteQ instant adhesive is its short cure time. The product is cold and heat resistant as well as weather-proof.

Pictures:



Switch from dropper to dosing tip for bottles with 20 g:

- Don't cut off the tip!
- Easy opening and closing
- Observe the dosing function
- Don't forget to close!

Technical data:

Base	modified cyanoacrylates
Film properties (of cured film)	hard
Viscosity (cone & plate 3000 s ⁻¹)	approx. 20 mPa.s
Density (according to EN 542 at +20°C)	approx. 1.05 g/cm ³
Operating strength (EPDM/EPDM profile sealing)	< 5 s
Cure time (at +20°C, 50 % air humidity)	approx. 16 h
Softening range	approx. +80°C

Content	Language	Packaging unit	VBH Item-No.
20 g	DE/GB/RU	20 bottles	217.273 / 0748
50 g	DE/GB/RU	10 bottles	217.273 / 0749

Surface preparation:

Clean the adherend surfaces with greenteQ aluminium cleaner, greenteQ PVC cleaner 10 or PVC cleaner 20. Depending on the durability of the material surfaces, clean them with acetone.

PRODUCT DATA SHEET

ADHESIVES - instant adhesive

greenteQ
Edition 08/2017 | www.greenteQ.info

Instructions for use, performance and product data, and all other technical data for greenteQ products are general guidelines only. They describe the performance characteristics and material composition of our products. However, they constitute no guarantee according to § 443 BGB. Due to the various application possibilities it is the user's sole responsibility to satisfy himself that the product is adequate for his intended purpose. Any technical consultation with VBH, whether verbal, written or in the form of test samples is for your information only and is absolutely non-committal.

Use instructions:



greenteQ instant adhesive is applied from a dosing bottle onto one of the surfaces to be glued. This surface must be dry and free of grease and dust. The adherend surfaces are then joined together within the skin formation time of the adhesive and pressed together until the required operating strength is reached. Due to the relatively low viscosity of greenteQ instant adhesive, the product is not able to bridge gaps >0.1 mm. For the gluing of exterior glass strip seals in windows, in order to achieve permanent driving rain tightness, ift Rosenheim recommends not only gluing the mitre joints with instant adhesive, but gluing the profile corners to the glass pane, using a neoprene rubber filler or sealing compounds.

• **Gluing of aluminium, copper and brass:** Apply only to chemically treated or coated surfaces; it is not possible to achieve permanent age-resistant bonds with bare aluminium surfaces without suitable prior treatment of the adherend surfaces. When gluing materials of different elongation properties, the stress caused by fluctuations in temperature must be taken into account when assessing the long-term behaviour of the bonds.

- If the product is to be used for the gluing of silicone and TPE profiles and polyolefins, internal tests are indispensable due to a variety of material properties.
- Please refer to the product data sheets of the recommended products.

Application quantity:

depending on application (in drops)

The 'open time' and the required press time can only be determined by carrying out internal tests, as they vary greatly depending on the material, temperature, application quantity, air humidity, moisture in material, adhesive film thickness, press pressure and other parameters.

As a rule, add appropriate safety margins to the recommended values.

Cleaning:



Cured cyanoacrylate adhesive can normally only be removed mechanically.

Safety instructions:



See safety data sheet for greenteQ instant adhesive.

Storage and delivery form:



Store in tight original container in a dry place at temperatures between +15 °C and +25 °C and protect against direct sunlight (storability: 6 months). Optimum storage is guaranteed at temperatures between +2°C and +8°C.

Storability at +6 °C (refrigerator): 9 months.
Original container: 20 g PE bottle, 20 bottles per carton;
50 g PE bottle, 10 bottles per carton.

General notes:



This product data sheet replaces all previous versions.