

PRODUCT DATA SHEET

Casco[®] Strong Epoxy Super Quick

SUPER QUICK TRANSPARENT EPOXY BASED ADHESIVE.

DESCRIPTION

The adhesive joint is resistant towards water, normal household chemicals and solvents of different types.

USES

Ideal for fast, strong and invisible repairing of pottery, porcelain, glass, leather, wood, stone, metal and ceramics to themselves or to each other.

CHARACTERISTICS / ADVANTAGES

- High resistance to chemicals
- Withstand temperatures up to approximately 70° C
- Ideal for filling cracks thanks to filling capacity
- Good choice when bonding between tight materials
- Super quick curing
- Transparent glue line
- Can be sanded, filled, drilled and painted after curing

PRODUCT INFORMATION

Composition	Resin: Epoxy resin Hardener: modified amine
Packaging	2 x 12 ml syringe
Colour	Transparent
Shelf life	At least 24 months after date of manufacture (can be read on the top of the syringe/syringe holder (4 digit code: week: 01-52 Day: 1-5 Year: 2-).
Storage conditions	Cool, frost free and tightly closed.
Density	Approx. 1170 kg/m ³
Solid content by weight	100 %
Volatile organic compound (VOC) content	None
Consistency	Liquid
Service Temperature	-40°C to +100°C

Mixing Ratio	1 : 1
Consumption	1 ml = approx 1 cm ² at a film thickness of 1 mm
Product Temperature	+5°C - +35°C.
Curing Time	Approx. 1 – 2 hour. Curing takes longer at lower temperatures, and shorter at higher
Open Time	After mixing resin and hardener, the mixture must be used within 60-90 seconds at 23° C.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The surfaces to be glued must be clean, dry and free from grease. For even better bonding; slightly roughen surfaces with sandpaper. Remove the dust. Glass should be washed with an alkaline detergent, rinsed in clean water and allowed to air-dry.

MIXING

Equal parts of resin and hardener (by volume or weight).
Do not use the surface which is going to be assembled as mixing under-layer. This will affect correct hardening and also cause bad adhesion.

APPLICATION METHOD / TOOLS

SYRINGE PACK

Cut the ends from the nozzles where marked. After use – don't forget to seal the nozzles with the cap located in the plunger handle, the cap will only fit in the right way.

Remove spatula from side of double syringe and cap from handle. Break safety seal of double syringe. Dispense equal quantities of both parts into a separate mixing tray. Stir well using enclosed spatula. At room temperature (+20°C), mixture remains workable for approx. 5 minutes. Apply a thin layer to one surface. Join immediately and hold in place for 20 minutes. Do not move bonded parts until after complete cure. After use, clean nozzles with a cloth and place special double cap from handle on double syringe. Resin and hardener should not be in contact when not in use.

Heat-curing will shorten the curing time and make the joint stronger.

Note! The yellowing of the product will increase with heat curing.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

ECOLOGY, HEALTH AND SAFETY

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Casco products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request or on the website www.casco.eu.

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