

EGOMAT 2K TOP SPEZIALSCHAUM

is a two-component polyurethane foam in an aerosol can. Free of CFCs, HCFCs and HFCs. Hardens without adding moisture. Cures with the hardener from the inside of the can.

PROPERTIES

The product is characterized by the following properties:

high strength compared to 1-component foam · rapid curing · high adhesive strength · easy to rework [e.g. cut, plaster over, paint over] · can be cut after approx. 15 minutes · pressure-free · can be loaded after approx. 120 minutes · frost-resistant

APPLICATION

EGOMAT 2K TOP SPEZIALSCHAUM is suitable for fixing toughened and laminated glass in U-profiles as well as for filling cavities and inaccessible areas, as no humidity is required and in areas where high strength and fast curing are required. For filling joints between frame [U-profile] and glass.

Good adhesion to: [please refer to primer table]

wood · fiber cement · concrete · aerated concrete · rigid PVC · masonry · plaster · Styrodur [XPS] · Styrofoam [EPS] · brick · clinker plasterboard · fiberboard · various plastics · ceramic · tiles · metal

Not or only conditionally suitable for: [own tests recommended]

silicone · PE · PP · bitumen · powder coatings · other release agents

INSTRUCTIONS

- 1 Always read the safety instructions before applying EGOMAT 2K TOP SPEZIALSCHAUM.
- 2 The bonding surfaces must be clean, dry, stable and free of dust, grease and release agents. [Do not pre-moisten - also avoid substrate moisture.]
- 3 Preliminary work such as masking adjacent surfaces must be completed before foaming.
- 4 Remove the protective valve cap and screw on the adapter.
- 5 Turn the black disk on the base of the can in the direction of the arrow.
- 6 Make at least 6 full turns to ensure that the inner container is securely open.
- 7 Shake the can vigorously approx. 30 times [more often when cold]. Hold the can with the valve pointing downwards and shake vigorously up and down. The mixing of the foam content is extremely important.
- 8 The foam must have a uniform glass-green color, otherwise turn the base of the can again and shake again.
- 9 After mixing the two components, start foaming immediately, as you only have 3-5 minutes processing time. The foam then hardens in the can.

SPECIFICATIONS

Specifications	Results	Based on
Chemical base	polyurethane [green]	
Density	approx. 30-40 g/l	Method by SKZ (Das Kunststoff-Zentrum)
Processing temperature	from +5 °C until +35 °C	
Can temperature during processing	from +10 °C until +25 °C	
Temperature resistance	-40 °C until +80 °C [briefly +120 °C]	
Skin formation time	approx. 5-8 min	
Cuttability 2 cm strand thickness	approx. 10-15 min	
Expandable after	approx. 45 min	
Load capacity	after 90-120 min	
Compressive strength [10% compression]	approx. 9-14 N/cm ²	DIN 53421
Tensile strength	approx. 20-30 N/cm ²	DIN 53430
Dimensional stability	approx. +/- 10 %	DIN 53431
Thermal conductivity	approx. 0,035 W/mK	DIN 56612
Flammability	F	DIN EN 13501-1

AVAILABILITY AND STORAGE

Packaging	440 ml aerosol can [12 pieces/carton]
Shelf life	Can be stored upright in its original packaging in a cool, dry place (+20 °C): ■ 9 months

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ADDITIONAL INFORMATION

This information sheet provides non-binding advice without guarantee. The processing instructions given must be adapted to the respective conditions. The user is obliged to check the suitability and application possibilities by carrying out his own tests in order to avoid failures, for which we accept no liability. It is up to the user to decide on the suitability of the product (EGOMAT 2K TOP SPEZIALSCHAUM).

SAFETY INFORMATION

Complies with	Regulation (EC) No 1907/2006 (REACH) and No 1272/2008 (CLP)
Labeling	see SDS
Safety instructions	see SDS
Disposal	see SDS

For warnings refer to the Safety Data Sheet. The above information is the result of thorough research; previous information is hereby invalidated. Check for yourself whether the product is suitable for your purposes. Our possible liability is limited to the value of our product as such. We cannot accept any liability for indirect damage, in particular for the application or unusability of the product. No one is authorized to make recommendations or assurances on our behalf that go beyond the content of our information sheets.