



## Turbo Clear

**Transparent, elastic and decrease-poor one-component adhesive sealant on the basis of MS hybrid polymers, is moisture-hardening, neutral cross-linking, odorless. Free from solvents, silicone and isocyanate.**

### Application

Adheres durable and transparent metal, plastic material, glass, ceramic, natural- and artificial stone, concrete, rednering, wood, styrofoam, mirror etc. The product is free of solvents, silicone and isocyanate. Thereby follows in industry and construction a wide application spectrum.

Not suitable for window sealing.

### Processing

Just apply on clean, dry, fat-free and structural aboveboard substrates. Adhesion on various substrates without Adhesion promoter. We recommend by all the applications a test adhesion.

### Cleaning of the surface

The substrate must be stable, clean, dust-, oil- and fat-free. Good results can be achieved with rubbing alcohol.

### Primer

On many clean substrates a good adherence can be achieved without primer. However, it should always be tested, if the cured product is exposed to big fluctuations in temperature or has contact with water. In that case, and with absorbent or difficult substrates, we always recommend the application of Primer V21 in advance. On non absorbent substrates we recommend the application of Primer V2.

### Tooling

We recommend tooling the joints with tooling solvent and eventually using help-tools for joints.

### Work and environment safety

Important information on the work and environment security you can find in the safety data sheet.

### Chemical resistance

- **good** to water, aliphatic solvents, oils, greases, diluted inorganic acids and alkalis
- **moderate** to esters, ketones and aromatics
- **not resistant** to concentrated acids and chlorinated hydrocarbons
- **weather-resistant** Turbo Clear can loose his transparency under outdoor exposure

Very thin coatings should be prevented, because those could embrittle through the outdoor exposure. The valid rules of jointing shall be kept.

Turbo Clear is not permitted for glass sealing, because there are higher requirements to the UV-resistance and the adhesion to glass. We recommend our Gomastit VG30 (SMP based) or Gomastit 400 / Gomastit 402 (based on silicone).

### Turbo Clear is paintable.

Because of the diversity of varnishes and paints on the market, we recommend a preliminary test. Using paints based on alkyd resins the drying process may be hold up.

If Turbo Clear is applied to painted or plastered substrates, a sufficient drying time of the paint / plaster must be kept (in general 10 days).

After cleaning with acetone, joints can be varnished at any time.



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### Technical data

Shore-A-hardness (DIN 53505) after 3 weeks of storage at 23°C / 50% H.R.	32	Density at 23°C / 50% H.R.	1.05 ± 0.05 g/cm <sup>3</sup>
Modulus elongation at 100% and 23°C (DIN 53504 S2) Storage during 7 days at 23°C / 50% H.R.	ca. 0.8 N/mm <sup>2</sup>	Change of volume (DIN EN ISO 10563)	m4%
Elongation at break (DIN 53504 S2) Storage during 7 days at 23°C / 50% H.R.	ca. 300 %	Temperature resistance	- 40°C to + 80°C
Tensile strenght (DIN 53504 S2) Storage during 7 days at 23°C / 50% H.R.	ca. 2.1 N/mm <sup>2</sup>	Application temperature	+ 5°C to + 40°C
Consistency (DIN EN ISO 7390)	non-sagging	Temperature of the substrate	+ 5°C to + 40°C
Tooling time at 23°C / 50% H.R.	max. 3 Min.	Colours	transparent
Curing through at 23°C / 50% H.R.	after 24 h: ~ 2.0 mm after 48 h: ~ 3.0 mm	Packaging	cartridges of 310 ml in boxes of 12 pieces
		Shelf life	from production date: without BiB: 9 months with BiB: 12 months Further information on request
		Storage conditions	cool and dry