



## Turbo Pool & Bath

**Elastic, 1-component sealant with neutral polymerization. Moisture curing, odorless, completely weather resistant, mould resistant (except transparent color).**

### Application

For joints in sanitary facilities, construction and plumber works. Connection joints on concrete, metals, wood, ceramics, various plastics, and for windows.

### Processing

The right joint dimensions and a pre-treatment of the adherence area are necessary for an excellent sealing. Turbo Pool & Bath adheres to many substrates as glass, aluminum, steel and various plastics without Adhesions promoter. For the maximal adherence, the substrate should be dry, clean, fat free and in a perfect condition. In case of big fluctuations in temperature or contact with water, the demands on the adherence are high. Therefore we recommend the use of Adhesions promoter V2 on non absorbent substrates. On absorbent substrates, as for example concrete, we generally recommend the use of Adhesions promoter V21. Preliminary tests are recommended.

### Cleaning of the surface

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

### Adhesions promoter

On many clean substrates a good adherence can be achieved without Adhesions promoter. 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 Adhesions promoter V21 in advance. On non absorbent substrates we recommend the application of Adhesions promoter 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, seawater, aliphatic solvents, oils, greases, diluted inorganic acids and alkalis
- **moderate** to esters, ketones and aromatics
- **not resistant** to concentrated acids and chlorinated hydrocarbons
- **completely weather-resistant**

**Turbo Pool & Bath shouldn't be painted.**



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### Technical data

Shore-A-hardness (DIN 53505) after 3 weeks of storage at 23°C / 50% H.R.	trans.: 15 colour: 22	Change of volume (DIN EN ISO 10563)	≤ 6 %
Modulus elongation at 100% and 23°C (DIN 53504 S2) Storage during 7 days at 23°C / 50% H.R.	trans.: ca. 0.4 N/mm <sup>2</sup> colour: ca. 0.4 N/mm <sup>2</sup>	Temperature resistance	-40 °C to +150 °C
Elongation at break (DIN 53504 S2) Storage during 7 days at 23°C / 50% H.R.	ca. 500 %	Application temperature	+5 °C to +40 °C
Elastic recovery (DIN EN ISO 7389) at elongation of 100%	≥ 70 %	Temperature of the substrate	+5 °C to +40 °C
Tensile strength (DIN 53504 S2) Storage during 7 days at 23°C / 50% H.R.	ca. 1.0 N/mm <sup>2</sup>	With fungicide	except transparent transparent is suitable in foodstuff area
Movement capability	25 %	Colors	transparent, white, lightgrey, concrete grey, beige, oak, brown, black, plumbing grey, anthracite Other colors on request
Consistency (DIN EN ISO 7390)	≤ 3mm	Packaging	cartridges of 310 ml in boxes of 12 pieces other packaging on request
Tooling time at 23°C / 50% H.R.	max. 10 min.	Shelf life	18 months from production date Further information on request
Curing through at 23°C / 50% H.R.	after 24 h: ≥ 2.0mm after 48 h: ≥ 3.0mm	Storage conditions	cool and dry
Density at 23°C / 50% H.R.	trans.: 1.03 ± 0.05 g/cm <sup>3</sup> colour: 1.41 ± 0.05 g/cm <sup>3</sup>	Meets the specifications	BS 6920 DIN 4102 Klasse B2 DIN 18 540 DIN 18545 E