

Technical Data Sheet

StoPox BB TG

Three-components, solvent-free, self smoothing epoxy floor topping

Characteristics

Functionality	<ul style="list-style-type: none"> • Resistant to a wide range of chemicals • Hygienic, smooth, seamless surface • Low odour, environmentally friendly • Low maintenance cost • Good adhesion to substrates • Non-flammable • Different finishes possible
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Optics	Glossy
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Application	For application as a self-smoothing material. Applied with rake / toothed trowel, finish off with spike roller.
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Area of use

- Production areas
- Warehouses
- Garages
- Clean rooms
- Chemical plant
- Nuclear power plant
- Food industry
- Electronic industry
- Pharmaceutical industry

Technical data

Data	Criteria	Test Standard	Value	Unit
	Density		1.60	g/cm ³
	Solids content		100	%
	Compressive strength		60	N/mm ²
	Flexural strength		30	N/mm ²

The values stated are average values. Due to the use of natural raw material in our products, the actual value determined on an individual delivery may deviate slightly, without compromising product suitability.

Application

Substrate preparation	<p>The substrate to be treated must be sound, dry and free from any contaminants which will prevent good adhesion.</p> <p>If necessary, the surface should be prepared by mechanical means.</p> <p>The maximum moisture content of the substrate should not exceed 4%. The pull-off strength of the pretreated substrate should be greater than 1.5N/mm².</p>
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Application

Material preparation Stir the base and hardener of StoPox BB TG thoroughly. Pour both components into a mixing vessel and mix for 5 minutes using a slow-speed drill and paddle until a homogeneous mixture is obtained. Add the filler slowly while still mixing and continue to mix for another 3 - 5 mins until homogeneous.

Coating procedure

Priming
Prime the prepared surface with StoPox GH 205 / StoPox IH BV and sprinkle lightly with fine silica sand. Allow to cure overnight before applying StoPox BB TG.

Placing
Spread the mixed StoPox BB TG to the desired thickness using a steel trowel. After laying the material, finished off with a spiked roller to aid air release.

Working life

At 10°C approx. 90 mins
At 23°C approx. 35 mins
At 30°C approx. 20 mins

Curing time

At 25°C

Overcoat	8-24 hours
Foot traffic	1 day
Vehicular traffic	3 days
Full cure	7 days

Consumption

2mm approx. 3.2 kg/m²
3mm approx. 4.8 kg/m²
5mm approx. 8.0 kg/m²

Application temperature

Minimum application temperature +8°C
Maximum application temperature +45°C

Cleaning of tools Tools must be cleaned immediately after use with thinner.

Delivery

Colour Sto standard RAL colour range

Packing StoPox BB TG is available in 25kg set.

Storage

Storage life/conditions The shelf life of StoPox BB TG is approximately 12 months if stored in cool dry conditions.

Special notes

Safety Precautions After full curing, StoPox BB TG is physiologically harmless. Keep the resin and hardener away from eyes, mouth and skin. Do not inhale vapour. Protective gloves should be used when handling these product. If skin contact with resin occurs, cleaned immediately with

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Special notes

Safety Precautions (cont'd) soap and plenty of water. DO NOT use solvent. The use of goggles is recommended, however, should accidental eye contamination occur, rinse thoroughly with plenty of clean running water and seek medical treatment immediately.

Technical Support Please consult Sto Technical Service Department or the local sales office for further information and any site assistance required.

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