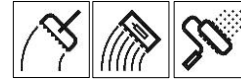


# Technical Data Sheet

## StoPox TEP MultiTop

Crack-bridging epoxy polyurethane topping



### Characteristics

<b>Properties</b>	<ul style="list-style-type: none"> <li>• Form as a flexible polyurethane waterproofing membrane and epoxy wearing coat in one product</li> <li>• Single coat application unfilled self-levelling layer</li> <li>• Resistance to all substances normally found in multi-storey car parks</li> <li>• Weather resistant</li> <li>• Excellent resistance against wear and abrasion</li> <li>• Waterproof and abrasion layer suitable for use in multi-storey car parks and underground car parks</li> </ul>
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<b>Optics</b>	Semi-gloss
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<b>Application</b>	Apply with rake or sponge rubber spreader and ventilate with spiked roller
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### Area of Use

As a wear resistant and waterproofing crack bridging coating / topping for sealing of trafficable floor surfaces in :-

- Bridge boards
- Carpark ramps
- Cycle path
- Metal bridge decks
- Multi-storey car parks
- Underground car parks
- Walkway

### Technical Data

Data	Criteria	Test Standard	Value	Unit
	Mixing ratio A : B		4.5 : 1	pbw
	Density		1.30	g/cm <sup>3</sup>
	Viscosity @ 23°C	DIN 53214	5,000	mPas
	Tear-off strength		1.5	
	Shore A Hardness	DIN 53505	55	

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

### Application

<b>Substrate Preparation</b>	<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 substrate should be prepared mechanically e.g. by ball blasting, milling or diamond grinding.</p> <p>The maximum moisture content of the substrate should not exceed 4%. The pull-off strength of the pre-treated substrate should be greater than 1.5 N/mm<sup>2</sup>.</p> <p>Substrate temperature must be &gt; 8 °C and 3 °C above dew point</p>
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# Technical Data Sheet

## StoPox TEP MultiTop

### Application

#### Material Preparation

Stir the individual components of StoPox TEP MultiTop thoroughly.  
 Pour component B (hardener) into Component A (resin) and mix for approx. 3 minutes using a slow-speed drill (max. 300 rpm) until a homogeneous mixture is obtained. Transfer the contents to a clean container and re-mix. Use the product as quickly as possible after mixing.

#### Coating Procedure

##### Priming coat

Prime the prepared surface evenly with StoPox GH 205 with a rubber squeegee. The surface is then rolled down with a industrial roller. Puddle formation should be avoided. For very rough substrate, scatter the fresh wet primer with Sto Filler 30/60 or Sto Filler 16/30.

Remove any loose quartz sand on the following day.

Consumption: StoPox GH 205 approx. 0.2 – 0.3 kg/m<sup>2</sup>. Scatter with Sto Filler 30/60 or Sto Filler 16/30 approx. 0.5 – 1.0 kg/m<sup>2</sup>

##### Self-levelling layer

Spread the mixed StoPox TEP MultiTop on the substrate unfilled as a self-levelling layer using a rake or sponge rubber spreader to the desired thickness (minimum 1.5mm). If necessary, worked over crosswise with a spiked roller to remove any entrapped air.

Consumption : StoPox TEP MultiTop approx. 1.30 kg/m<sup>2</sup>/mm coating thickness

##### Finish and abrasion layer

Between 12 – 24 hours, mixed 1.0 part by weight of StoPox TEP MultiTop and 0.5 part by weight Sto Filler 30/60 and applied to the desired coating thickness. The surface is then scattered in excess with Sto Filler 30/60 or Sto Filler 16/30. For surface subject to greater wear, it is recommended to sand off with StoDurop or Röhrig Granit in the corresponding grain size.

Consumption: StoPox TEP MultiTop approx. 1.05 kg/m<sup>2</sup>/mm coating thickness. Sto Filler 30/60 approx. 0.55 kg/m<sup>2</sup>/mm coating thickness. Scatter with Sto Filler 30/60 or Sto Filler 16/30 approx. 3.5 kg/m<sup>2</sup>

##### Sealing coat

After removing any excess sand, apply a coat of StoPox DV 100 using a roller or rubber spreader. Ventilate by rolling crosswise with a spiked roller. Consumption : StoPox DV 100 approx. 0.6 – 1.2 kg/m<sup>2</sup>

##### Note :

Depending on the colour and finishing power, two applications may be necessary

#### Working Life

10 °C	75 minutes
23 °C	45 minutes
30 °C	25 minutes

#### Curing Time

At 25 °C	
Overcoat time	24 hours
Full cure	7 days

# Technical Data Sheet

## StoPox TEP MultiTop

Application	
<b>Application Temperature</b>	Minimum application temperature + 8 °C Maximum application temperature + 45 °C
<b>Cleaning Tools</b>	Tools must be cleaned immediately after use with thinner.
Delivery	
<b>Colour</b>	Grey, not available in RAL colours
<b>Packing</b>	StoPox TEP MultiTop is available in 30 kg set.
Storage	
<b>Storage life / conditions</b>	The shelf life of StoPox TEP MultiTop is approximately 6 months if stored in cool dry conditions.
Special Notes	
<b>Safety Precautions</b>	<p>After full curing, StoPox TEP MultiTop is physiologically harmless. Keep the resin and hardener away from eyes, mouth and skin.</p> <p>Do not inhale vapour. Protective gloves should be used when handling these products. If skin contact with resin occurs, cleaned immediately with soap and plenty of water.</p> <p>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.</p>
<b>Technical Support</b>	Please consult Sto Technical Service Centre or the local sales office for further information and any site assistance required.
<b>Disclaimer</b>	<p>The information in this Technical Data Sheet serves to ensure the product's intended use, or its suitability for use, and is based on our findings and experience. Users are nevertheless responsible for establishing the product's suitability and use.</p> <p>Applications not specifically mentioned in this Technical Data Sheet are permissible only after prior consultation. Where no approval is given, such applications are at the user's own risk. This applies in particular when the product is used in combination with other products.</p> <p>When a new Technical Data Sheet is published, all previous Technical Data Sheets are no longer valid. The latest version is available on <a href="http://www.sto-sea.com">www.sto-sea.com</a>.</p>

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