

# Technical Data Sheet

## StoPur PAC

Two-components, U.V. resistant  
polyurethane coating

### Characteristics

<b>Functionality</b>	<ul style="list-style-type: none"> <li>• Excellent adhesion to the substrate</li> <li>• Fast drying</li> <li>• Excellent ultraviolet / weathering resistance</li> <li>• High abrasion resistance</li> <li>• Good resistant to chemicals and solvents</li> <li>• Good gloss and colour retention</li> <li>• Available in clear colour</li> </ul>
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<b>Optics</b>	Semi-gloss or gloss
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<b>Application</b>	Apply by brush, roller or sprayer
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### Area of use

- Bridges
- Subways
- Industrial buildings
- Car parks
- Facades
- As a UV resistant top coat on other Sto systems

### Technical data

Data	Criteria	Test Standard	Value	Unit
	Mixing ratio A : B		4 : 1	pbv
	Density		1.25	g/cm <sup>3</sup>
	Flash point		23	°C

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

<b>Substrate preparation</b>	<p>The substrate must be sound, dry, load bearing and free of foreign substances with separating effect.</p> <p>If necessary, the substrate should be prepared mechanically by ball blasting, milling or diamond grinding.</p> <p>The maximum moisture content of the substrate should not exceed 4% by weight measured with the CM-device. The pull off strength of the pre-treated substrate should be greater than 1.5N/mm<sup>2</sup>.</p> <p>Substrate temperature must be &gt; 8°C and 3 K above dew point.</p>
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<b>Material preparation</b>	<p>Stir the individual components of StoPur PAC thoroughly.</p> <p>Pour both components into a mixing vessel and mix for 5 minutes using a slow-speed</p>
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### Application

**Material preparation (con'td)** drill and paddle until a homogeneous compound is obtained. Transfer the contents to a clean container and re-mix. Use the product as quickly as possible after mixing.

### Coating procedure

#### Priming

For concrete surface, prime with StoPox BI S.

For steel surface, prime with StoDivers RustPruf.

#### Placing

StoPur PAC can be applied by brush, roller or spray to the desired thickness.

### Working life

Approx. 4 hours @ 30°C

### Curing time

#### At 30°C

Touch dry 5-15 mins

Hard dry 4-6 hours

Overcoat 8 hours to 7 days

Full cure 7 days

### Consumption

The coverage rate is approximately 6.0 - 8.0m<sup>2</sup>/litre/coat.

### 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

StoPur PAC is available in 5-litre and 20-litre set.

### Storage

#### Storage life/conditions

The shelf life of StoPur PAC is approximately 12 months if stored in cool dry conditions.

### Special notes

#### Safety Precautions

After full curing, StoPur PAC is physiologically harmless. Keep the material 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 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. StoPur PAC is flammable material and good ventilation is essential at work area. Do not smoke or exposed naked flame while handling the product.

#### 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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### Special notes

#### Disclaimer

Sto Products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions. Whilst efforts are made to ensure that any advice, recommendation, specification or information STO SEA may give is accurate and correct, it cannot accept any liability either directly or indirectly arising from the use of its products as it has no direct or continuous control over where or how the products are applied, whether or not in accordance with any advice, specification, recommendation or information given by it. If any product fails to conform, STO SEA will replace the product at no cost to the buyer. Replacement of any products shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within six months from the date of the claimed breach. Buyers shall be solely responsible for determining the suitability of products for their intended use.

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