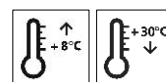


Technical Data Sheet

StoPox GH 300

Epoxy primer, quick curing



Characteristics

Area of application	<ul style="list-style-type: none"> Onto floor areas As a quick-curing primer onto cementitious substrates
Properties	<ul style="list-style-type: none"> Rapid hardening Very good adhesive bond on mineral substrates
Appearance	<ul style="list-style-type: none"> Transparent
Information / notes	<ul style="list-style-type: none"> Product is in accordance with EN 1504-2 Product is in accordance with EN 13813

Technical Data

Criteria	Standard / test specification	Value / Unit	Notes
Density	EN ISO 2811	1.07 – 1.13 g/cm ³	
Adhesion strength	ASTM D7234	> 1.5 N/mm ²	
Shore D hardness	ASTM D2240	69 – 75	
Viscosity	EN ISO 3219	600 – 950 mPa.s	

The characteristic values stated are average values or approximate values. Due to the natural raw materials in our products, the stated values can vary slightly in the same delivery batch; this does not affect the suitability of the product for its intended use.

Substrate

Requirements	<p>The substrate must be sound, dry, load bearing and free from native and foreign substances that have a separating effect. Remove less strong layers and laitance.</p> <p>The maximum moisture content of the substrate should not exceed 4% by weight measured with the CM device.</p> <p>Substrate temperature greater than +8°C and 3 K above dew point.</p> <p>Average adhesion strength >1.5 N/mm². Adhesion strength of the single smallest value 1.0 N/mm²</p>
Preparations	<p>Prepare the substrate using a suitable mechanical process such as shot-blasting, milling and then shot-blasting, or abrasive blasting.</p>

Application

Application temperature	<p>Lowest application temperature: +8°C</p> <p>Maximum approved relative humidity 75 %</p> <p>Highest application temperature: +30°C</p> <p>Maximum approved relative humidity 85 %</p>
Time for application	<p>At +10°C: approx. 30 minutes</p> <p>At +23°C: approx. 20 minutes</p> <p>At +30°C: approx. 15 minutes</p>

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StoPox GH 300

Mixing ratio	Component A : component B = 100.0 : 52.9 parts by weight	
Material preparation	<p>Component A and Component B are supplied in the correct mixing ratio and should be mixed in accordance with the following instructions.</p> <p>Stir Component A, then add all of Component B.</p> <p>Mix thoroughly with a slow-running paddle mixer (max. 300 rpm) until a homogeneous, streak-free compound develops.</p> <p>It is also vital to stir thoroughly at the sides and the bottom in order to evenly distribute the hardener. Mixing time at least 3 minutes.</p> <p>Do not apply from the delivery container!</p> <p>After mixing, transfer the material into a clean container and stir it thoroughly once again.</p> <p>The temperature of the individual components must be min. +15°C when mixing.</p>	
Consumption	Type of application	Approx. consumption
	As a primer	0.2 – 0.3 kg/m ²
	Material consumption depends on the application, substrate, and consistency, among other factors. The stated consumption values are only to be used as a guide. If required, determine precise consumption values on the basis of the specific project.	
Coating build-up	<ol style="list-style-type: none"> 1) Substrate preparation 2) Prime coating of StoPox GH 300 3) Finishing coat 	
Application	<ol style="list-style-type: none"> 1) Substrate preparation 2) Prime coating Flood apply the mixed material with a rubber squeegee until the substrate is totally free of pores, and then evenly spread it by rolling/brushing. Avoid forming puddles. Consumption approx. 0.2 - 0.3 kg/m², depending on substrate roughness. 3) Finishing coat Coat with StoCretec products e.g (StoPox BB OS, StoPox KU 405, StoPox KU 601) in accordance with the Technical Data Sheet 	
Drying, curing, ready for next coat	<p>Reworking time</p> <p>At +10°C : approx. 12 hours</p> <p>At +23°C : approx. 6 hours</p> <p>At +30°C : approx. 5 hours</p>	
Cleaning of tools	Tools must be cleaned immediately after use with cleaning solvent.	
Notes, recommendations, special information, miscellaneous	Please consult the local sales office for further information and any site assistance required.	

Delivery

Packaging	Name	Packing
	StoPox GH 300	10 kg set

Storage

Storage conditions	Store in cool dry conditions; avoid direct sunlight.
Storage life	This product has a shelf life of 12 months from the manufacturing date.

Technical Data Sheet

StoPox GH 300

Identification

Product group Primer

Safety Please refer to Safety Data Sheet.

Special Notes

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.

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.

When a new Technical Data Sheet is published, all previous Technical Data Sheets are no longer valid. The latest version is available on www.sto-sea.com.

Sto SEA Pte Ltd
159 Sin Ming Road
#06-02 Amtech Building
Singapore 575625
Phone: +65 6453 3080
Fax : +65 6453 3543
info.sg@sto.com
www.sto-sea.com

Sto SEA Sdn Bhd
28, Jalan Rajawali 3
Bandar Puchong Jaya,
47170 Selangor, Malaysia
Phone: +60 3 8080 9066
Fax: +60 3 8080 9255
info.my@sto.com
www.sto-sea.com

Sto SEA Pte Ltd
3656/49-52 Green Tower, 16th Floor
Rama IV Rd, Klongton, Klongtoei,
10110 Bangkok, Thailand
Phone: +66 2 1684 921 Ext. 230
Fax: +66 2 1684 999
info.sg@sto.com
www.sto-sea.com

StoCretec GmbH
Gutenbergstr. 6
65830 Kriftel,
Germany
Phone: +49 6192 401 104
Fax: +49 6192 401 105
info.sg@sto.com
www.sto-sea.com

*Product images may differ from the actual product.