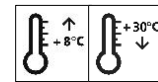


Technical Data Sheet

StoPox HVP O

Epoxy primer, oil barrier



Characteristics

Area of application	<ul style="list-style-type: none"> Interior and exposed to weathering Onto floor areas Damp, cleaned, cementitious substrates As a primer for oil-contaminated substrates after they have been cleaned
Properties	<ul style="list-style-type: none"> Very good adhesion to the substrate High capillary activity Provides a highly effective barrier against oil contamination rising up through capillaries
Appearance	<ul style="list-style-type: none"> Milky, slightly cloudy
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
Adhesion strength	ASTM D7234	> 1.5 N/mm ²	
Viscosity	EN ISO 3219	400 – 600 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>Oily, slightly damp cementitious substrates.</p> <p>The substrate can be dry or damp, but must be load-bearing and free from native and foreign substances that have a separating effect. Remove less strong layers and laitance.</p> <p>Substrate temperature higher than +8°C and 3 K above dew point. 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> <p>Clean oil-contaminated concrete substrates using an emulsifying cleaning agent (HVPO oil remover from Schencking & Bury), if necessary several times in accordance with the manufacturer's instructions. Next clean the surface with high-pressure water and suction up the water.</p> <p>Note: Suction up waste water should be disposed of according to regulations</p>

Application

Application temperature	<p>Lowest application temperature: +8°C</p> <p>Highest application temperature: +30°C</p> <p>Maximum approved relative humidity 85%</p>
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Technical Data Sheet

StoPox HVP O

Time for application	At +10°C : approx. 120 minutes At +23°C : approx. 60 minutes At +30°C : approx. 30 minutes	
Mixing ratio	Component A : component B = 100.0 : 12.5 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. 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! After mixing, transfer the material into a clean container and stir it thoroughly once again. The temperature of the individual components must be min. +15°C when mixing.</p>	
Consumption	Type of application	Approx. consumption
	As primer, depending on the substrate	0.6 – 1.2 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	Primer for oil-contaminated substrates 1) Substrate preparation 2) Prime with StoPox HVP O, scattering 3) Finishing coat	
Application	Oil-contaminated substrates 1) Surface preparation 2) Priming Apply StoPox HVP O directly to the slightly damp, cleaned concrete substrate using a rubber squeegee/impregnating brush. Otherwise, oil will rise up again and prevent the primer from adhering to the substrate. Consumption: approx. 0.6 - 1.2 kg/m ² , depending on the substrate roughness Scatter with StoQuarz 0.6 - 1.2 mm Consumption: approx. 1.0 - 1.5 kg/m ² 3) Finishing Coat Coat with StoCretec products (StoPox BB OS, StoPox KU 405, StoPox KU 601) in accordance to the respective Technical Data Sheet.	
Drying, curing, ready for next coat	Over-coating time: At +10°C: approx. 28 hours At +23°C: approx. 10 hours At +30°C: approx. 8 hours	
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.	

Technical Data Sheet

StoPox HVP O

Delivery		
Packaging	Name	Packing
	StoPox HVP O	30 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.	
Identification		
Product group	Primer	
Safety	Please refer to Safety Data Sheet.	
Special Notes		
<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 www.sto-sea.com.</p>		

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*Product images may differ from the actual product.