

HEGSEL® Pox 409

Primer Based on Epoxy Resin

You Build, We Protect!

Description: HEGSEL Pox 409 is a two-component primer based on epoxy resin.

Characteristics: HEGSEL Pox 409 is suitable for steel and concrete substrates. HEGSEL Pox 409 is a special protective material displaying outstanding properties such as high chemical and temperature resistance. HEGSEL Pox 409 sprinkled serves as an adhesive primer for HEGSEL Cements on a phenol and furan resin base. On concrete, it works also as a sealant.

Application Data:

Pot life (at 20 °C)	> 120 minutes
Application Temperature	min +10°C (substrate and ambient)
Relative Humidity	Max 80% (note dew point)
Consumption	The consumption is depending to the substrate. The material demand for concrete surfaces is: 2 x 0.300 kg/m ² ; for steel 2 x 0.200 kg/m ²

Mixing Ratio:

Components	Volumes Measuring vessel in L	Weight in kg	Coverage kg/m ²	
			Steel	Concrete
HEGSEL Pox 409 Solution-10 kg HEGSEL Pox 409 Solution-25 kg	1.790	2.000 (2 pts. by weight)	0.267	0.400
HEGSEL Pox 409 Hardener-10 kg HEGSEL Pox 409 Hardener-12.5 kg	1.000	1.000 (1 pt. by weight)	0.133	0.200
Total	-	3000	0.400	0.600
Sprinkling with HEGSEL-Filler 10	-	-	3.000	

Surface Preparation: Surfaces generally have to be pre-treated. Mechanical cleaning with a hard broom, steel brush or using an industrial-strength vacuum cleaner usually is not sufficient. It is mostly necessary to sandblast concrete, screed or steel substrates. The residual moisture in cement-bonded substrates must not exceed 4 %.

Steel: When preparing the substrate, adhere to DIN EN 14879-1 as well as DIN EN ISO 12944, Part 4. The degree of cleanness after sandblasting should be Sa 2 ½. Minimum roughness depth is Rz = 60 µm.

Application Tools: Brush / Lambskin roller.

Re-Application Time: Sprinkle HEGSEL Pox 409 with HEGSEL-Filler 10 for subsequent layers of other systems. The maximum processing time without sprinkled surface is 48 hours. After this time, the areas have to be ground to get adhesion for further layers.

Packaging: 15 (10+5) kg and 37.5 (25+12.5) kg kits

Safety Measures: The material safety data sheets of the individual components, the safety instructions on the packing (label) as well as the legal requirements for handling hazardous materials must be observed.

<p>HEGSEL Pox 409; Revision No: 1.10 / Last Revision Date: 05.07.2023</p> <p>All information contained herein is based on the current state of our knowledge and practical experience at the time of release. Therefore, please make sure that this is the latest edition of the Technical Data Sheet. All data are only intended as a guideline for informational purposes and do not constitute a legally-binding warranty of the suitability for a certain purpose of use, due to its dependence on site conditions and possible processing, use and applications. All information contained in this technical datasheet is subject to change without notice.</p>	<p>HEGSEL GmbH Huttropstr. 60 45138 Essen Germany Tel: +49 201 17003 270 Fax: +49 201 17003 277 E-Mail: info@heggel.de Web: www.heggel.de</p>
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