

## DEGADUR® 111 / DEGADUR® F 111

Methacrylate resin plus appropriate filler component for manufacturing of 2-component adhesive primer for moist concrete and cement screeds.

### Properties

Primer DEGADUR® 111 enables the priming of moist cementitious substrates, provided there is no liquid water on the surface (no puddles).

### Application

Primer DEGADUR® 111 may only be processed together with DEGADUR® F 111 (filler component). The ratio of the DEGADUR® 111 (resin) and DEGADUR® F 111 (filler) is 18.6 kg resin to 10 kg filler. The stirring process of both components should be at least 5 min to ensure homogeneous mixing.

The amount of hardener has to be adjusted to the surface temperature of substrate to be coated (see table).

Application method: first use a squeegee and afterwards a roller intensely in order to enable a deep penetration into the surface. Consumption: minimum of 0.5 - 1.2 kg/m<sup>2</sup> (depending on porosity of surface)

### Pot life and hardening time at different temperatures:

Temperature [°C]**	Hardener [% by wt.]*	Pot life [min] ***)	Hardening time [min]
1 - 5	3.3	approx. 33	approx. 56
5 - 10	2.0	approx. 11	approx. 30
10 - 15	1.5	approx. 8	approx. 30
15 - 20	1.2	approx. 8	approx. 30
20 - 25	1.0	approx. 7	approx. 30
25 - 30	0.7	approx. 8	approx. 30

\*) Quantity calculated on DEGADUR® 111 incorporating DEGADUR® F 111.

\*\*\*) Temperature statements refer to resin-, floor- and air-temperature.

\*\*\*) The indication of the approximate pot life always refers to the lower temperature.

Note: All values are derived from laboratory tests. Deviations caused by environmental factors might occur.

**Note: "Green concrete" may not be primed !**

Evonik Resource Efficiency GmbH  
 Rodenbacher Chaussee 4  
 63457 Hanau-Wolfgang  
 Germany  
 PHONE +49 6181 59-4028  
 FAX +49 6181 59-4919

Evonik Degussa Corporation  
 299 Jefferson Road  
 Parsippany,  
 NJ 07054 USA  
 PHONE +001 973 929-8000

Evonik Degussa (China) Co., Ltd.  
 55 Chundong Road,  
 Xinzhuang Industry Park  
 Shanghai 201108, China  
 PHONE +86 21 61191-027  
 FAX +86 21 61191-534

Product Information  
 21.03.2018  
 T DEGADUR 111 F 111 e  
 Page 1/2

## DEGADUR® 111 / DEGADUR® F 111



This product has been awarded with an certified Environmental Product Declaration according to ISO 14025. This declaration describes the specific environmental performance of building products listed herein and supports the development of environmentally and health friendly buildings. The validated declaration authorizes the use of the sign of the Institut Bauen und Umwelt e.V.

Typical properties are approximate reference values. If you need product specifications please contact us.

® = registered trademark

DEGADUR is a registered trademark of Evonik Röhm GmbH, Darmstadt, Germany.

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.