

DEGADUR® 112

Low-viscous methacrylate resin for manufacturing of 2-component adhesive primer for concrete and cement screeds.

Typical properties

Property	Value	Unit	Method
Form supplied	Slightly turbid liquid		
Viscosity at 23 °C	73 - 109	mPas	Brookfield DV2, sp. 1/30 rpm
Density at 20 °C	1.00	g/cm ³	DIN 51757
T _{max} at 23 °C	12 - 19 min / 110 - 150 °C		20.0 g DEGADUR® 112 + 0.4 g BPO 50%
Flash point	10	°C	MMA, DIN 51755

General remarks

Activator	DEGADUR® 112 is preactivated for temperatures from 5 °C to 30 °C
Initiator/Hardener	BPO-Hardener (50 %), depending on temperature
Shelf life	at ≤ 25 °C minimum 12 months in original containers / from date of delivery at ≤ 30 °C minimum 6 months in original containers / from date of delivery
Storage	Protect against direct sunlight. At temperatures below 15 °C the paraffin dissolved in the binder may precipitate. The material must be stirred thoroughly before use.
Packaging	Steel drum, 190 kg net
More accounts	This product contains max. 60 g/l residual volatiles (ASTM 2369 Method E).

DEGADUR® 112

Properties

DEGADUR® 112 is a reactive methacrylate resin which hardens rapidly even at low temperatures.

Application

Primer DEGADUR® 112 may only be processed with hardener. The amount of hardener can be adjusted to the surface temperature of substrate to be coated (see table).

Application method: with squeegee and rollers.

Consumption: app. 400 g/m² (depending on absorbency of surface).

A second primer coat is necessary on extremely absorbent substrates. It is advisable to sprinkle DEGADUR® 112 lightly before curing (quartz sand 0.3 - 0.8 mm, max. 200 g/m²).

Pot life and hardening time at different temperature:

Temperature [°C] **)	Hardener [% by wt.] *)	Pot life [min] ***)	Hardening time [min]
5	5.0	approx. 8	approx. 30
10	4.0	approx. 8	approx. 30
15	3.0	approx. 7	approx. 30
20	2.0	approx. 8	approx. 30
30	1.0	approx. 6.5	approx. 30

*) Quantity calculated on DEGADUR® 112.

***) 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.

More accounts

At temperatures below ± 0 °C, Accelerator 101 must be used additionally (about 0.5 % at 0 °C up to 3 % at -30 °C) while retaining the amount of hardener powder (50 %) at 6 % by weight.

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

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