

DEGADUR® 332

Higher-viscous, elasticized methacrylate resin for manufacturing of 2-component broadcast floor coatings on concrete- and metal-surfaces as well as asphalt-applications indoors and outdoors.

Properties

DEGADUR® 332 coatings are elastic and abrasion-resistant even at low temperatures.

Guide formulations:

332/1a - self-levelling coating / sprinkled with quartz sand / for orthotropic plates / 5 - 8 mm / in two layers
Intermediate layer 1 mm

80	% by wt.	DEGADUR® 332
20	% by wt.	quartz-, heavy spar-powder or calcite

Guide formulations:

332/1b - self-levelling coating / sprinkled with quartz sand / for orthotropic plates / 5 - 8 mm / in two layers
Wearing layer 5 mm

30	% by wt.	DEGADUR® 332
30	% by wt.	quartz-, heavy spar-powder or calcite
40	% by wt.	quartz sand (0.3 - 0.8 mm)

This formulation is suitable as traffic surfacing on shot blasted and primed orthotropic steel-plates in a two layer installation, e. g. on landing piers, ship decks, draw-bridges and pontoons.

To improve the intermediate adhesion it is recommendable to sprinkle the intermediate layer with silica sand. Non skid aggregate (e. g. Bauxite, calcinated Bauxite, Flint, or "Zirconit";

1 - 3 mm size) can be fully broadcast onto the wearing layer before curing commences in order to improve the grip and compressive strength.

Guide formulations:

332/2 - self-levelling coating / sprinkled with quartz sand / for concrete surface/ 5 - 6 mm
Intermediate layer 1 mm

30	% by wt.	DEGADUR® 332
30	% by wt.	quartz-, heavy spar-powder or calcite
40	% by wt.	quartz sand (0.3 - 0.8 mm)

This formulation is used successfully especially in the metal industry in heavy-duty areas.

It is advisable to increase the skid resistance and the compressive strength of the coating by sprinkling the surface fully with silica sand 0.3 - 0.8 mm or 0.7 - 1.2 mm.

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Note

The surface of DEGADUR® 332 coatings need a topcoat with DEGADUR® 529 (clear or pigmented).

Pot life and hardening time at different temperatures:

Formulations 332/1a, 332/1b, 332/2

Temperature [°C]**	Hardener [% by wt.]*	Pot life [min] ***)	Hardening time [min]
5 - 10	5.0	approx. 25	approx. 70
10 - 20	4.0	approx. 25	approx. 60
20 - 30	2.0	approx. 20	approx. 45
> 30	1.0	approx. 25	approx. 50

*) Quantity calculated on DEGADUR® 332.

***) 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.



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.

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