

DEGADUR® 430

Higher-viscous, elasticized polyurethane-methacrylate resin with high flexibility at deep temperature. Recommended for mixing with DEGADUR® 332 or 418 for manufacturing of 2-component body coats for cold stores and shock freezers on concrete. Also usable as membrane, liquid foil and grouting resin indoor and outdoor.

Properties

Formulations based DEGADUR® 430 or mixtures with DEGADUR® 332 are with high flexibility at deep temperature. DEGADUR® 430 is also recommended for membrane under DEGADUR® industrial-floor applications or grouting resin.

Guide formulations: 430/1 - membran / 1 - 2 mm

80	GT	DEGADUR® 430
20	GT	fine filler 0 - 50 µm (no filler based on carbonate!)

Guide formulations: 430/2 - bodycoat / broadcast / 5 - 6 mm

30	% by wt.	DEGADUR® 332 : DEGADUR® 430 (ratio 2:1 to 3:1)
28	% by wt.	fine filler 0 - 50 µm (no filler based on carbonate!)
40	% by wt.	quartz sand (0.3 - 0.8 mm)
2	% by wt.	pigment powder

Guide formulations: 430/3 - joint sealing / 5 - 20 mm

80	% by wt.	DEGADUR® 430
15	% by wt.	fine filler 0 - 50 µm (no filler based on carbonate!)
5	% by wt.	pigment powder

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DEGADUR® 430

Application

The DEGADUR® 430/1 is applied with a toothrake.

430/2 self-smoothing formulations are applied with an adjustable-rake in a minimum thickness of 3 mm and smoothed with a half bladed floor trowel and fully broadcast with quartz sand (0.3 to 0.8 or 0.6 to 1.2 mm). For decorative surfaces coloured quartz sand (coated with EP or PU resin) with a size of 0.3 to 0.8 mm or 0.7 to 1.2 mm can also be used. The formulation **430/2** is recommended for cold stores and shock freezers (down -40 °C).

For the protection of the surface of 332:430 the application of topcoat DEGADUR® 529 (clear or pigmented) is necessary.

The formulation **430/3** is used for preprimed day work joints for indoor and outdoor areas. It has to be avoided that the **430/3** formulation adheres to the three areas of a joint, only to the vertical parts.

Pot life and hardening time at different temperatures:

Formulations 430/1, 430/2, 430/3

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® 430 or 332:430 mix.

**) 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

All formulations have to be applied on preprimed surfaces.

Use efficient air ventilation in order to provide a safe surface curing.



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.

DEGADUR® 430

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

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