

DEGAROUTE® Crack Sealer

Very low viscosity 2-component methacrylate resin used to repair and seal cracks from hairline width to 3 mm in concrete structures.

Properties

DEGAROUTE® Crack Sealer is a 2-component reactive methacrylate resin used to repair and seal cracks in concrete structures. Due to low viscosity and low surface tension it has very good wetting power and penetration behaviour. According to ASTM D 2369-10, Method E (standard test method for volatile content of coatings VOC) the measured value is < 70 g/l.

Application

DEGAROUTE® Crack Sealer has to be processed only with Hardener Powder (BPO). The quantity has to be adjusted to the substrate temperature (see table).

Application method: In a gravity-fed process by squeegee and roller.

The consumption is depending on absorption properties of the substrate and crack depth and crack width.

Pot life and curing time at different temperatures:

Temperature [°C]**	Hardener [% by wt.]*	Pot life [min]	Hardening time [min]
-10	5.0 (+ 10 % DEGADECK® Additive CW)	11 - 15	80 - 90
-5	5.0 (+ 10 % DEGADECK® Additive CW)	10 - 14	55 - 60
0	3.0 (+ 10 % DEGADECK® Additive CW)	10 - 14	35 - 40
5	2.0 (+ 10 % DEGADECK® Additive CW)	8 - 12	35 - 40
10	2.0 (+ 10 % DEGADECK® Additive CW)	7 - 9	30 - 35
10	5.0	12 - 16	45 - 50
15	3.0	15 - 20	45 - 50
20	2.0	15 - 20	45 - 50
25	1.0	20 - 25	45 - 50
35	1.0	5 - 10	30 - 35
40	1.0	9 - 10	25 - 30

* Quantity calculated on DEGAROUTE® Crack Sealer.

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

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

More accounts

If temperature is between 5 °C and -10 °C DEGADECK® Additive CW must be added.

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Product Information
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Mechanical properties

Property	Value	Unit	Method
Tensile strength	54 (7,755)	MPa (psi)	DIN EN ISO 527
Elongation at break	4	%	DIN EN ISO 527
Flexural strength	82 (11,900)	MPa (psi)	DIN EN ISO 178

Please be aware that typical properties are approximate reference values. If you need approval specifications please contact us.

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