

DEGADUR® 420

Middle-viscous elasticized methacrylate resin for manufacturing of two-component floor coatings. For trowel application, self-levelling, smooth or broadcast indoor coatings on concrete and metal surfaces. For wet and dry areas.

The Degadur® 420/1 and 420/2 formulations are applied with a trowel or an adjustable-rake in a minimum thickness of 2 mm. For smooth surfaces a refinishing with a spiked roller is advisable. For decorative surfaces, coloured flakes (3 - 4 mm), coloured quartz sand (coated with EP or PU resin) or Granodiorite with a size of 0.3 - 0.8 mm or 0.7 - 1.2 mm can be broadcast onto the self-levelling formulation.

The application of the Degadur® 420/3 mixture takes place with an adjustable-rake and is afterwards smoothed with a flexible trowel.

The total catalysed quantity of 420/4 formulation is completely poured out onto the primed substrate, distributed by means of a finely serrated (2 - 4 mm teeth) rubber blade and rolled out with a nylon-roller (12 - 14 mm pile woven).

The surface of Degadur® 420 coatings need a clear or pigmented Degadur® topcoat.

All Degadur™ products are cured with BPO curing powder (contains Di-benzoyl peroxide) The values given below are guide values.

Temperature (°C)	Hardener (weight-%)	Potlife (min)	Curing time (min)
5	4,0	ca 35	ca 65
10	2,5	ca 30	ca 65
15	2,0	ca 30	ca 55
20	1,0	ca 25	ca 45
25	1,0	ca 15	ca 30
30	1,0	ca 13	ca 35

Laboratory values. Temperature is referring to the binder, the floor and the air temperature.

Hardener Amount for a mixture of 6.7 kg / 7L Degadur® 420 (+20 kg coloured sand):

Temperature (°C)	Hardener (gram)	Hardener(dl)	Potlife (min)	Curing time (min)
5	268	4,0	ca 35	ca 65
10	168	2,5	ca 30	ca 65
15	134	2,0	ca 30	ca 55
20	67	1,0	ca 25	ca 45
25	67	1,0	ca 15	ca 30
30	67	1,0	ca 13	ca 35

Laboratory values. Temperature is referring to the binder, the floor and the air temperature. Approximate values, in practice there are deviations in the workplace

Degadur® 420 is not suitable as a primer or topcoat.

Primers: Degadur® B-71 or Degadur® 111 - for damp/moist substrates.

Top coatings: Degadur® 527, Degadur® 526 (for hot and wet surfaces), Degadur® 165, Degadur® 529.