

Acrydur™ - 540 (GB)

Medium-viscous, plasticized Methacrylate base resin
for the production of cove pastes

Characteristics: Acrydur™ 540 excels in elasticity, high fillability and clear curing. Thanks to its first-rate moistening characteristics on filler materials and pigments, Acrydur™ 540 N is preferably used for the production of cove paste with Aerosil® or Sylothix®.

Characteristic data:

Delivery form	liquid, blue	
Flow time	35 - 45 sec (20°C)	DIN flow cup, 4mm
Curing	15 - 25 min (20°C)	
Density	1.0 g/cm ³	(20°C)
Flashpoint	10°C	
Shelf life	In the original container, dark at < 20°F maximum 6 months	
Bundle	180 kg drums 25 kg, 10 kg pails	

Processing Notes:

Processing: The paste consisting of Acrydur™ 540 and Aerosil® is being mixed with coloured quartz sand (size: 10 - 40 mesh) in a mix ratio of 1:3 so as to create a thixotrope compound which does not subside (trowel test). After the preparation of a well-workable compound, add Hardener 50 W (quantity depends on the soil temperature, 1-4 vol. %, see chart).

Apply cove compound with a margin trowel and subsequently smooth with an accordingly curved cove trowel. If necessary, grind the cove surface after hardening, then apply Acrydur™ 522, 526 or 528 as clear sealing. Use Acrydur™ 526 in wet areas with high demands on change in temperature.

Suggested formulation: 19 l Acrydur™ 540
1 kg Aerosil® 200

Pot life and curing times depending on temperature: Further coating layers with Acrydur™ must only be applied after the previous layers have completely cured.

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Temperature [°F]	Hardener [Vol-%] *	Pot life [min]	Curing time [min]
+ 5	4	~ 20	~ 50
+ 10	3	~ 15	~ 45
+ 20	2	~ 10	~ 25

* Hardener quantity calculated on pure resin (Hardener 50 W)

Attention: Hardener quantities below 1 Vol. % may cause polymerisation failures!

Hints: To be applied only on primed surfaces! Good ventilation during processing ensures good curing.

Storage: The handling-regulations for highly flammable materials apply to methacrylate – resins. Acrydur™ resins are to be stored cool, protected against direct sunlight and preferably at temperatures of 15 - 20 °F. During storage paraffin – particles and filler – materials may precipitate. Thus before processing, containers have to be stirred up well. Please mind the advice on our safety data sheets.

VbF: A I

GISCODE: RMA 10

Customs Number: 320 820 10

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