

Plastifloor® 540 (USA)

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

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

Characteristic data:

Form of delivery	liquid, blue
Flow time	35-45 sec (68°F), DIN flow cup, 4mm
Curing	15-25 min (68°F)
Density at 68°F	DIN 51757 0.0022 lb/cm ³
Flashpoint	DIN 51755 +50°F
Shelf-life, dark at < 68 °F	6 months maximum
Bundle	396.83 lb drums 55.12 lb, 22.05 lb pails

Initiator/Hardener: Hardener powder 50 W (BPO, at 50 %), temperature-sensitive.

Storage conditions: Storage at ≤ 77°F. Keep away from direct sun. At temperatures below + 50°F the paraffine dissolved in the bonding agent could precipitate. Stir up well before use!

VbF: A I

GISCODE: RMA 10

Customs Number: 320 820 10

Mix Ratio: 4.18 gal Plastifloor® 540
(Paste) 2.2 lb Aerosil® 200

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Processing of Paste: The **paste** consisting of Plastifloor® 540 and Aerosil® is being mixed with coloured quartz sand (size: 40 – 10 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 Plastifloor® 522, 526 or 528 as clear sealing. Use Plastifloor® 526 in wet areas with high demands on change in temperature.

Pot life and curing-time depending on the temperature:

Temperature [°F] **)	Hardener [Vol.-%] *)	Pot life [min.]	Curing time [min.]
+ 41	4,0	ca. 20	ca. 50
+50	3,0	ca. 15	ca. 45
+68	2,0	ca. 10	ca. 25

*) Quantity of hardener refers to Plastifloor® 540

***) Temperature indications refer to temperature of resin, soil and air.

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

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