

# Plastifloor® 540 (GB)

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

**PLASTI CHEMIE**  
**Produktionsgesellschaft mbH**

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**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:

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Form of delivery	liquid, blue
Flow time	35-45 sec (20°C), DIN flow cup, 4mm
Curing	25-35 min (20°C)
Density at 20°C	DIN 51757 1.0 g/cm <sup>3</sup>
Flashpoint	DIN 51755 +10°C
Shelf-life, dark at < 20 °C	6 months maximum
Bundle	180 kg drums 25 kg, 10 kg pails

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**Initiator/Hardener:** Hardener powder 50 W (BPO, at 50 %), temperature-dependent

**Storage conditions:** Storage at ≤ 25°C. Keep away from direct sun. At temperatures below + 15°C 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:** 19 l Plastifloor® 540  
(Paste) 1 kg 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: 0,4 – 2,0 mm) 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 [°C] **)	Hardener [Vol.- %] *)	Pot life [min.]	Curing time [min.]
+ 5	4,0	ca. 20	ca. 50
+10	3,0	ca. 15	ca. 45
+20	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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