

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:

Delivery form	liquid, blue	
Flow time	35 - 45 sec (68°F)	DIN flow cup, 4mm
Curing	15 - 25 min (68°F)	
Density	8.5123 lb/gal	(68°F)
Flashpoint	50°F	
Shelf life	In the original container, dark at < 65°F maximum 6 months	
Bundle	396.83 lb drums	
	55.12 lb, 22.05 lb pails	

Processing Notes:

Processing: The paste consisting of Plastifloor® 540 and Aerosil® is being mixed with coloured quartz sand (size: 10 - 40 mesh) in a mix ratio of 1:3 (vol.) 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.

Suggested formulation: 5.02 Plastifloor® 540
2.2 lb Aerosil® 200

Pot life and curing times depending on temperature: Further coating layers with Plastifloor® 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]
+ 41	4	~ 20	~ 50
+ 50	3	~ 15	~ 45
+ 68	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. Plastifloor® resins are to be stored cool, protected against direct sunlight and preferably at temperatures of 59 - 68 °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

Data concerning our products and devices as well as concerning our data and procedures are based on an extensive research work and an application technology experience. We obtain these results, with which we do not take over adhesion going beyond the respective single contract, in word and writing after best knowledge, reserve ourselves we however technical changes in the course of the product development. Beyond that our application technology service stands when desired for large consultation as well as for co-operation with the solution manufacturing and application technology problems for order. That does not relieve the user however to examine our data and recommendations before their use responsible for the own use. That applies - particularly for deliveries to foreign markets - also regarding the keeping of patent rights third as well as for applications and procedures, which are not expressly in writing indicated by us. The case of loss our adhesion is limited to indemnifications of same extent, as they plan our general terms of delivery and sales with lack of quality.