

Plastifloor® - 418 (USA)

Medium-viscous, flexible methacrylic resin for producing interspersed or trowel on 2-component floor coatings on concrete and metal substrate inside buildings.
For wet and dry areas.

PLASTI CHEMIE
Produktionsgesellschaft mbH

Application Plastifloor® 418 is ideal for producing elastic interspersed or trowel floor coatings and as floor coating with partly flakes.

Characteristics: Coatings with Plastifloor® 418 excel in a high filling capacity and good self-levelling. Due to its good wetting properties of fillers and pigments, Plastifloor® 418 is preferably used for producing self-levelling coatings with layer thicknesses of 2-4 mm. Interspersed systems, rollable and troweled on systems are also possible. Thus Plastifloor® 418 is a universal methacrylic resin.

Characteristic data:

| | |
|------------------|-------------------------------------|
| Form of delivery | liquid, blue |
| Flow time | 40-60 sec (68°F), DIN flow cup, 4mm |
| Curing | 15-25 min (68°F) |
| Density at 20°C | DIN 51757 1.0 g/cm ³ |
| Shelf-life | dark at < 68°F 6 months maximum |
| Bundle | 180 kg drum 25 kg, 10 kg pail |

Initiator/hardener: Hardening powder 50W (BPO), temperature-dependent

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.

Processing Notes:

Suggested formulation:

Self-levelling

coating 1.98 gal Plastifloor 418®
1.98 gal SL Filler
5.07 oz Hardener 50 W (68°F)

Trowel-on

coating 1.98 gal Plastifloor 418®
55.12 lb decor Filler S1 - S12
5.07 oz Hardener 50 W (68°F)

Processing: Application of the smooth able mix of Plastifloor® 418 is being effected with a squeegee. Then plane with a smoothing trowel. After curing, the coating surface is being grinded with a disk

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sander and then Plastifloor® 522 is being applied as clear sealing in dry areas. In wet areas with varying thermal stress, Plastifloor® 526 is being used.

Pot life and curing times depending on temperature:

| Temperature [°F] | Hardener [Vol%] | Pot life [min] | Curing time [min] |
|------------------|-----------------|----------------|-------------------|
| +41 | 4 | ca. 10 | ca. 23 |
| +50 | 3 | ca. 8 | ca. 20 |
| +68 | 2,5 | ca. 8 | ca. 18 |
| +86 | 2 | ca. 6 | ca. 15 |

*) Hardener referred to quantity of Plastifloor® 418

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

Notes: Lay only on pre-primed surfaces! Good room ventilation during application guarantees good curing.

VbF: A I

GISCODE: RMA 10

Customs tariff number: 320 820 10

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