

Plastifloor® 418 (GB)

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.

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

Properties 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	37-47 sec (20°C), DIN flow cup, 4mm
Curing	15-25 min (20°C)
Density at 20°C	DIN 51757 1.0 g/cm ³
Flashpoint	DIN 51755 +10°C
Shelf-life, dark at < 20 °C	6 months maximum
Bundle	180 kg drums 25 kg, 10 kg pails

Initiator/Hardener: Hardener powder 50W (BPO), temperature-dependent.

Storage conditions:

Storage at ≤ 25°C. Protect against direct sunlight. At temperatures below + 15 °C the paraffin dissolved in the binding agent may fail. Stir up well the material before application!

Flashpoint: + 10 °C (MMA, DIN 51 755)

VbF: A I

GISCODE: RMA 10

Customs tariff number: 320 820 10

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Preparation: 7.5 l Plastifloor® 418
Self-levelling coating 7.5 l SL filler
0.15 l hardener powder 50W (20°C)

Preparation: 7.5 l Plastifloor® 418
Trowel-on coating 25 kg decor filler S 1 – S12
0.15 l hardener powder 50W (20°C)

Processing: Application of the smoothable 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 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 and curing times depending on temperature:

Temperature [°C] **)	Hardener [Vol.-%] *)	Pot life [min.]	Curing time [min.]
+ 5	3.0	~ 10	~ 23
+10	2.0	~ 8	~ 20
+20	2.0	~ 8	~ 18
+30	1.0	~ 6	~ 15

*) Hardener referred to quantity of Plastifloor® 418

***) The temperature specifications refer to resin -, soil and air temperature

Notice: Application on primed surfaces! Good ventilation during processing ensures a good curing.

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