

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

**Characteristics:** Coatings with Plastifloor® 418 N excel in a high filling capacity and good self-levelling. Due to its good wetting properties of fillers and pigments, Plastifloor® 418 N 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 N is a universal methacrylic resin.

## Characteristic data:

Delivery form	liquid, blue	
Flow time	37 - 47 sec (68°F)	DIN flow cup, 4mm
Curing	15 - 25 min (68°F)	
Density	8.3454 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:

Suggested  
formulation:  
*Self-levelling  
coating*

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

*Trowel-on  
coating*

1.98 gal Plastifloor 418® N  
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 N 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.

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### Pot life and curing times depending on temperature:

Further coating layers with Plastifloor® must only be applied after the previous layers have completely cured.

Temperature [°F]	Hardener [Vol-%] *	Pot life [min]	Curing time [min]
+ 41	3	~ 10	~ 23
+ 50	2	~ 8	~ 20
+ 68	2	~ 8	~ 18
+ 86	1	~ 6	~ 15

\* Hardener quantity calculated on pure resin (Hardener 50 W)

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

**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 tariff 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.