

Plastifloor® Accelerator 440 (GB)

Low-viscous activator for the application as
Accelerator in MMA resins and binder for
Polymer Concrete

Application: Thanks to its low viscosity, **Plastifloor® 440** is suitable as an accelerator for MMA coating resins applied at low floor temperatures.

Characteristics: Accelerator **Plastifloor® 440** can be used to produce low viscous coatings from **Plastifloor® 332**, **418** and **510** in combination with mineral fillers and color pigments. The addition of Accelerator 440 shortens the curing time, resulting in a lower viscosity of the coating compound, which finally results in a good distribution at low soil temperatures. Plastifloor® Accelerator 440 can be used as a binder for polymer concrete together with Hardener 10 PA.

Features:

Property	Measurement Method	Approx. value
Flashpoint	DIN 51 755	10 °C
Density D ²⁰	DIN 51 757	1 g/cm ³
Curing	10-20 min. (20°C and 2% hardener)	
Form of Delivery	slightly cloudy liquid	
Shelf-life	dark at < 20°C, 6 months maximum	
Bundle	25 kg, 10 kg Pails	

Suggested formulation for Plastifloor®

418 resin: Plastifloor® 440 is being used together with the coating compound directly on site.

Coating: Smooth-troweled

approx.- indications:

20,0 weight parts Plastifloor® 418

2,0 weight parts Plastifloor® Accelerator 440

60,0 weight parts colored sand or quartz sand 0,7 – 1,2 mm

18,0 weight parts colored sand or quartz sand 0,1 – 0,4 mm

Attention! The amount of resin can vary depending on the application.
We therefore recommend that you test the resin content yourself!

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Mix Plastifloor® 440 and the coating resin Plastifloor® 418 for approx. 1 minute in a suitable vessel. Add 1-3% hardener powder BPO 50%. Add dry filler to the prepared resin mixture and homogenize for 2 minutes. Apply to the surface primed with Plastifloor® 112 using a squeegee and smoothing trowel.

Pot-and curing times depending on the temperature:

Temperatur [°C]	Hardener [Vol%]	Hardener [wt%]	Pot life [min]	Curing time [min]
+ 5	2.6	4.0	ca. 10	ca. 30
+ 10	2.0	3.0	ca. 15	ca. 25
+ 20	1.3	2.0	ca. 7	ca. 20
+ 30	1.0	1.5	ca. 4	ca. 18

- Hardener quantity is calculated on the net quantity of the **resin component!**

Notes: Do not proceed until the previous coat is completely cured!

Storage: Methacrylate resins are subject to the handling regulations of highly flammable materials. Plastifloor® resins must be stored cool, at temperatures between 15 – 20° C and protected from direct sunlight. Paraffin particles may be deposited during storage. Therefore, materials must be stirred thoroughly before processing.
Please follow the instructions in our Safety Data Sheet.

Processing: When working with MMA resins, be sure to follow the safety precautions outlined in the Dangerous Goods Regulations!

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PLASTI CHEMIE
International GmbH

Industrial safety:

Provide adequate ventilation during work. During processing, observe the regulations of the Hazardous Substances Ordinance, the instructions of the Federal State Committee for Occupational Safety and Safety Technology (LASI), and our safety data sheets.

VbF: A I
GISCODE: RMA 10
HS-Code: 3208 2010

CE	
Plasti Chemie International GmbH • Falgardring 1 • 08223 Falkenstein • Germany	
EN 13813, SR-B2, 0-AR0, 5-IR12	
Plastifloor Accelerator® 440	
Synthetic resins for internal uses (Application in accordance with the newest technical information)	
Reaction to fire:	En
Wear resistance (Abrasion Resistance):	AR 0.5
Impact resistance:	IR 12
Tensile bond strength:	B 2.0

CE-labelling

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.