

Highly viscous plasticised prefilled synthetic resin coating
Ready for processing for the production of
interspersing coatings

Application Thanks to its elasticity, Plastifloor® 332/V is perfectly suitable as a wearing course after the application of Plastifloor® 332/Z (intermediate layer). It can be used for dynamically loaded interiors (kitchens, production areas) as well as for thermally loaded outdoor areas (parking decks, terraces).

Characteristics: Plastifloor® 332/V coatings stay flexible and resistant to abrasion, even at low temperatures. Plastifloor® 332/V has excellent deviation properties.

Characteristics of the resin as delivered

Property	Measuring method	Approx. value
Density at 68 °C	DIN 51757	1.3 g/cm ³
Flashpoint	DIN 51755	+50 °F
Shelf-life	dark at < 68 °F, 1 month maximum	
Form of delivery	liquid, grey	
Bundle	25 kg, 10 kg pails	

Initiator/Hardener: Hardening powder 50W (BPO), depending on temperature

Processing Notes:

Processing: Mixes are prepared immediately before use by adding binder agent and hardener powder. Mixing time with a double agitator is approximately 1 to 2 minutes. Thin film thicknesses and/or high fill levels deteriorate the deviation properties and the resin properties.

To increase compressive strength and grip, the uncured coating is being broadcast to complete saturation with quartz sand or colored quartz sand (e.g. 20 - 40 mesh or 15 - 25 mesh). After curing, the surface must be sealed with Plastifloor® 528 (exterior) pigmented or Plastifloor® 526 clear.

For indoor use, we recommend a first coat of Plastifloor® 418, transparent ~ 0.123 - 0.164 lb/ft², before applying a second coat of Plastifloor® 526 ~ 0.062 to 0.082 lb/m². We recommend layer thicknesses of > 0.1181 inches (3mm)!

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Suggested formulation:

1.32 gal primer Plastifloor® 332/V
0.66 gal Quartz Sand 65 - 250 mesh
4.23 oz hardener 50 W (at 68°F ground temperature)

Consumption per mm:

2.205 lb Plastifloor® 332/V
1.103 lb Quartz Sand 65 - 250 Mesh

Pot life and curing times depending on temperature:

Further layers of Plastifloor® must be applied only after the previous layers are completely cured.

Temperatur [°F]	Hardener [Vol%]	Hardener [wt%]	Pot life [min]	Curing time [min]
+ 41	2.6	1.7	approx. 20	approx. 60
+ 50	2.3	1.5	approx. 15	approx. 45
+ 68	2.0	1.3	approx. 10	approx. 40
+ 86	1.6	1.0	approx. 10	approx. 30

- Hardener quantity calculated for Plastifloor® 332/V
- Temperature refers to resin, surface and air temperature

Attention: Hardener levels below 1 vol. % may cause polymerization failure!

Advice: Do not apply the next coat until the previous coat is completely cured. For work below 32° (0°C), the use of accelerator B101 is necessary. (see data sheet!)

Storage: The handling regulations for highly flammable materials apply to methacrylate – resins. Plastifloor® resins should be stored cool, away from direct sunlight and preferably at temperatures between 59 - 68 °F (15 – 20 °C). During storage, paraffin particles and fillers may precipitate. Therefore, containers must be well agitated before use. Please refer to our Safety Data Sheets.

Plastifloor® 332/V (USA)

PLASTI CHEMIE
International GmbH

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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 • Falgarding 1 • 08223 Falkenstein • Germany	
EN 13813, SR-B2, 0-AR0, 5-IR12	
Plastifloor® 332V	
Synthetic resins for internal uses (Application in accordance with the newest technical information)	
Reaction to fire:	E _s
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.

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