

Very viscous, elastic synthetic resin coating
Applied on concrete and metal surfaces

Application Thanks to its elasticity, Plastifloor® 332/Z is suitable as a membrane of wear-resistant toppings (up to 5 mm). Its elasticity renders it as an ideal intermediate layer after priming in areas subject to heavy loads and traffic (i.e. forklift traffic) or on orthotropic steel plates. Concrete and metal substrates can also be coated. Outdoor using is possible.

Characteristics: Coatings and joint fillers formulated using Plastifloor® 332/Z are elastic and abrasion resistant even at low temperatures.

Characteristic data:

Delivery form	liquid, grey	
Density	8.7627 lb/gal	(68°F)
Flashpoint	50°F	
Shelf life	In the original container, dark at < 65°F	maximum 6 months

To enhance the intermediate adhesion, we recommend to slightly broadcast Plastifloor® 332 N membranes, e.g. with quartz sand size 15 - 25 mesh.

Processing Notes:

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

Mixture production is to be effected immediately before processing by providing the filler and by adding hardener powder 50W. Mixing time with the double agitator is about 2 min. We recommend installing Plastifloor® 332 N with a minimum thickness of 3 mm.

Processing is usually done with a notched trowel or a smoothing trowel. The self-levelling cover coat can also be evened with a squeegee.

Suggested formulation:

2.12 gal primer Plastifloor® 332/Z
6.76 oz hardener 50 W (at 68°F ground temperature)

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Pot life and curing times depending on temperature:

Temperature [°F]	Hardener [Vol-%] *	Pot life [min]	Curing time [min]
+ 41	4	~ 30	~ 70
+ 50	3	~ 25	~ 60
+ 68	2.5	~ 20	~ 50
+ 86	2	~ 15	~ 45

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

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

Characteristic data of 5 mm coat:

Density		15.439 lb/gal
Material consumption per mm thickness		0.368 lb/ft ²
Compressive strength	DIN 1164	26 N/mm ²
Flexural strength	DIN 1164	19 N/mm ²
E-module	DIN EN ISO 527	not measureable
max. Temperature resistance (dry)		140 °F
Vicat softening temperature	DIN 53460	122 °F
Ball indentation hardness	DIN 53456	15 N/mm
Thermal expansion coefficient	VDE 0304/1	79·10 ⁻⁶ K ⁻¹

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.

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.