

Plastifloor® 332

Viscous, plasticized synthetic resin for the production of membranes and elastic coatings, indoors and outdoors, appropriate for tarmac, concrete and metal subsurfaces

Application: Due to its elasticity Plastifloor® 332 is ideal for producing elastic membranes after priming with Plastifloor® 112. Plastifloor® 332 membrane can be coated with Plastifloor® 418 and also with an elastic Plastifloor® 332 covering.

Characteristics: Plastifloor® 332 coatings stay elastic and abrasion-proof even on low temperatures. Thus they can also be used in coolers and outdoors. They are characterized by an especially good levelling. The use of Plastifloor® 332 in membranes minimises fissuring in floor coverings as mechanic loads and dynamic forces are better absorbed and transferred onto the subsurface.

Characteristic data:

Form of delivery		liquid, blue
Flow time	15-21 sec (20°C), DIN flow cup, 6mm	
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

For ameliorating the intermediate adhesion, we recommend to slightly broadcast Plastifloor® 332 membranes, e.g. with Plastifloor® quartz sand 0.6-1.2 mm. Always broadcast Plastifloor® 332 coverings.

Characteristic data of 5 mm coat:

Density		~ 1.85 kg/l
Material consumption per mm thickness		~ 1.8 Kg/m ²
Pressure resistance	DIN EN ISO 604	~ 14 MPa
Tensile strength	DIN EN ISO 527	~ 6 MPa
Ultimate strain	DIN EN ISO 527	~ 3.0 %
E-module	DIN EN ISO 527	~ 900 Mpa
max. Temperature resistance (dry)		~ 60 °C
Vicat softening temperature	DIN 53460	~ 50 °C

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Ball hardness	DIN 53456	~ 15 N/mm ²
Impact resistance	DIN ISO 6272	~ 4 Nm
Fire class	DIN 4102	B2
Thermal expansion coefficient	VDE 0304/1	~ 79·10 ⁻⁶ K ⁻¹

Mixture production is to be effected immediately before processing by providing the adhesive agent and by adding Plastifloor® Hardener 50 W. Mixing time with the double agitator is about 2 min. We recommend installing Plastifloor® 332 with a minimum thickness of 3 mm. Add the filler materials when the hardener has been well mixed with the resin.

Suggested formulations: (20°C)

Mixing approach: 8l Plastifloor® 332
 (Membrane) 0.24l Hardener 50 W (at 20°C)
 6-8l SL filler

Mixing approach: 8l Plastifloor® 332
 (coating) 0.24l Hardener 50 W (at 20°C)
 8-10l SL filler

Application: Processing is usually done with a notched trowel or a smoothing trowel. The self-levelling cover coat can also be evened with a squeegee. Broadcast the fresh coating with quartz sand 0.6 – 1.2 mm or décor quartz sand, approx. 3-4 kg/m² for Membrane and 4-5 kg/m² for coating.

Pot life and hardening times according to temperature:

Temperature [°C]	Hardner [Vol%]	Pot life [min]	Hardening time [min]
+5	3	ca. 8	ca. 23
+10	2,5	ca. 10	ca. 27
+20	2	ca. 10	ca. 30
+30	1,5	ca. 11	ca. 30

* Hardener quantity calculated according to Plastifloor® 332

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Note: Continue coating only after complete curing of the previous layer. For works below 5°C we recommend using Plastifloor Accelerator B 101. (Request data sheet!)

Storage: The regulations for handling easily flammable substances apply for methacrylic resins as well. Plastifloor® resins are to be stored cool and protected against direct sunlight, preferably at temperatures between 15 and 20 °C. During storage filler materials and paraffin fractions may separate. Stir well before processing these bundles!

Industrial safety:

Ensure sufficient ventilation during work. On processing, pay attention to the directives in the hazardous substances ordinance and to the indications of the Federal States Committee for industrial safety and safety engineering (LASI) as well as to 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.

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