

Viscous, plasticized synthetic resin for membranes and elastic coatings, indoors and outdoors, appropriate for tarmac, concrete and metal substrates

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

Characteristics: Plastifloor® 332 N coatings stay elastic and abrasion-proof even at low temperatures. Thus it can also be used in coolers and outdoors. It is characterized by an especially good levelling. The use of Plastifloor® 332 N in membranes minimizes 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	35-45 sec (68°F), DIN flow cup,0,23622inch
Curing	30-40 min (68°F)
Shelf-life	dark at < 68°F 6 months maximum
Bundle	180 kg drum 25 kg, 10 kg pail

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

Processing Notes:

Processing: 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. Add the filler materials when the hardener has been well mixed with the resin. (1 min.)

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 15 – 25 mesh or décor quartz sand, approx. 0.074 - 0.098 lb/ft² for Membrane and 0.098 - 0.123 lb/ft² for coating.

Suggested formulation:

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Plastifloor® - 332 N (USA)

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<i>Membrane</i>	2.113 gal 1.585 - 2.113 gal 8.12 oz	primer Plastifloor® 332 N SL Filler hardener 50 W (at 68°F ground temperature)
<i>Coating</i>	2.113 gal 2.113 – 2.641 gal 8.12 oz	primer Plastifloor® 332 N SL Filler hardener 50 W (at 68°F ground temperature)

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]	Hardner [Vol%]	Pot life [min]	Hardening time [min]
+41	4	ca. 20	ca. 60
+50	3,5	ca. 15	ca. 45
+68	3	ca. 10	ca. 40
+86	2,5	ca. 10	ca. 30

*) Hardener quantity calculated according to Plastifloor® 332

**) temperature refers to resin, surface and air temperature

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

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 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.

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 date sheets.

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