

Plastifloor® - 112 N (USA)

Fast-curing 2-component- adhesive primer

for concrete and cement screed

PLASTI CHEMIE
Produktionsgesellschaft mbH

Application Primer 112 N serves as adhesive primer for Plastifloor® coatings, especially on cement-bound substrates.

Characteristics: Primer 112 N is a reactive methacrylate resin that also cures fast on low temperatures.

Characteristic data:

Delivery form	slightly cloudy liquid	
Flowtime	30 - 40 sec	(DIN cup 0,1574 inch)
Curing	10 - 20 min	(68°F with 2% hardener 50W)
Shelf life	In the original container, dark at < 65°F maximum 6 months	
Bundle	180 kg drum 25 kg, 10 kg pail	

Processing Notes:

Processing: Primer 112 N must be mixed with hardener 50 W. Hardener quantity must be adjusted to the respective object temperature (see table). At temperatures below + 41°F, accelerator B101 can additionally be added, must be added (~ 0.5 % at 32 °F up to 3 % at - 22 °F) with retention of 6 p.b.v. hardener powder.

After mixing in the hardener powder, spread Plastifloor® 112 N equally and thinly with a roller or rubber squeegee (80-100 ft²/gal). Consumption must be adjusted individually. On extremely absorbent substrates, prime twice in order to achieve a thin but closed film that bonds the broadcasting material. We recommend slightly broadcasting the primer with quartz sand (size 15 - 25 mesh). If only thin sealers are to be applied, we recommend using quartz sand in size 20 - 40 mesh. This work step ensures an absolutely solid bond between primer and the following coating.

Suggested formulation:

2.00 gal primer 112 N
~ 6 oz hardener 50 W (at 68°F ground temperature)

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Material

consumption: 80-100 ft²/gal per Work step

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]	Hardener [Vol%]*	Pot life [min]	Curing time [min]
+32	6	ca. 11	ca. 30
+41	5	ca. 8	ca. 30
+50	4	ca. 8	ca. 30
+59	3	ca. 7	ca. 25
+68	3	ca. 6	ca. 20
+77	2	ca. 6	ca. 20

*) Hardener quantity calculated according to Plastifloor® 112

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

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

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 data sheets.

VbF: A I

GISCODE: RMA 10

06-03-2022

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06-03-2022

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