

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	22 - 28 sec	(DIN cup 0,1574 inch)
Curing	10 - 20 min	(68°F with 2% hardener 50W)
Density	8,3454 lb/gal	(68°F)
Flashpoint	50°F	
Shelf life	In the original container, dark at < 65°F maximum 6 months	

Processing Notes:

Processing: Primer 112 N can be processed 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 PBV hardener powder.

After mixing in the hardener powder, disperse Plastifloor® 112 N equally and thinly with a roller or rubber squeegee (0.00736 - 0.01473 gal/ft²). 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:

2.113 gal primer 112 N
5,41 oz hardener 50 W (at 68°F ground temperature)

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Material

consumption: 0.00736 - 0.01473 gal/ft² 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 - 41	6	~ 11	~ 30
41 - 50	5	~ 8	~ 30
50 - 59	4	~ 8	~ 30
59 - 68	3	~ 7	~ 25
68 - 77	2	~ 6	~ 20
77 - 86	1	~ 6	~ 20

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

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.

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