

Plastifloor® - Primer 112 N (GB)

Fast-curing 2-component- adhesive primer
for concrete and cement screed

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

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

Characteristics: _____

Form of delivery	slightly cloudy liquid
Flow time (DIN cup 4mm)	22-28 sec sec. (20°C)
Curing	10 – 20 min at 20°C and 2% hardener
Density at 20 °C	DIN 51757 ~ 1.00 g/cm ³
Flashpoint	DIN 51755 +10 °C
Shelf life, dark at < 20 °C	6 months maximum

Suggested formulation

PF 112 N

primer:

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 + 5°C, accelerator B101 can additionally be added must be added (~ 0.5 % at 0 °C up to 3 % at –30 °C) with retention of 6 PBV hardener powder.

After mixing in the hardener powder, Plastifloor® 112 N is being equally and thinly dispersed with a roller or rubber squeegee (300-600 g/m²). 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 0.7-1.2 mm). If only thin sealers are to be applied, we recommend using quartz sand in size 0.4 – 0.8 mm. This work step ensures an absolutely solid bond between primer and the following coating.

Consumption ~ 300-600 g/m² per work step

Plastifloor® - Primer 112 N (GB)

Fast-curing 2-component- adhesive primer
for concrete and cement screed

Suggested formulation:

8l primer 112 N
0.16l hardener 50W (at 20°C 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(°C) Hardener(Vol.-%)* Pot life(min.) Curing time(min.)

0 - 5	6	~ 11	~ 30
5 -10	5	~ 8	~ 30
10 -15	3	~ 8	~ 30
15 -20	2	~ 7	~ 25
20 -25	2	~ 6	~ 20
25 -30	1	~ 6	~ 20

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

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 15-20 °C. 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.