

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

**Application** Primer 115 N serves as adhesive primer for Plastifloor® coatings, especially on cement-bound substrates.

**Characteristics:** Primer 115 N is a reactive methacrylate resin that also cures fast on low temperatures.

### **Characteristic data:**

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Delivery form	slightly cloudy liquid	
Flowtime	33 - 43 sec	(DIN cup 0,1574 inch)
Curing	10 – 20 min	(68°F and 2% hardener 50 W)
Density	8,3454 lb/gal	(68°F)
Flashpoint	50°F	
Shelf life	In the original container, dark at < 65°F maximum 6 months	

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### **Processing Notes:**

Processing: Primer 115 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® 115 N equally and thinly with a roller or rubber squeegee (0.00982 - 0.01963 gal/ft<sup>2</sup>). 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 115 N  
5.41 oz hardener 50 W (at 68°F ground temperature)

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### Material

consumption: 0.00982 - 0.01963 gal/ft<sup>2</sup> 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.

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.