

Plastifloor® - 528 N (USA)

Medium viscous PU-MMA resin for sealcoats of Plastifloor® Coatings based on Plastifloor® 332 N. Particularly suitable for outside applications

Characteristics: Flexible topcoat, high impact strength especially on broadcast Plastifloor® 332 N outdoor coatings. The coating remains impact resistant even in a wide range of varying temperatures. Plastifloor® 528 is also suitable as a sealer in freezer rooms.

Characteristic data:

Delivery form	liquid, blue	
Flow time	25 - 32 sec (68°F)	DIN flow cup, 4mm
Curing	20 - 30 min (68°F)	
Density	8.3454 lb/gal	(68°F)
Flashpoint	50°F	
Shelf life	In the original container, dark at < 65°F	maximum 6 months
Bundle	396.83 lb drums	55.12 lb, 22.05 lb pails

Processing Notes:

Processing: For proper curing at least 14.11 ounce/ft² sealer must be applied per rolling step. In order to ensure the necessary slip resistance and to avoid yellowing and flaking, the maximum layer thickness is limited to 28.22 ounce/ ft². Best results are obtained with 24.69 ounce/ ft² by roller step with short hair (polyamide gold stripe) on sand broadcast coatings (15 - 30 mesh grain).

Scratch and water resistance can be ameliorated by using Hardener M. Plastifloor® Hardener M leads to a mat surface. Please mind the indications on the product data sheet.

Suggested formulation:

2.113 gal Plastifloor® 522 N
2.71 oz Hardener 50 W or 5.41 oz Hardener M

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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]
+ 41	2	~ 30	~ 50
+ 50	1.5	~ 20	~ 40
+ 68	1	~ 15	~ 30
+ 86	1	~ 12	~ 20

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

Attention: At temperatures below 32 °F, the resin needs to be put into a warm environment before processing - minimum 41 °F and add up to 2% hardener maximum. Basically accelerator cannot be added to sealings – neither as thinner nor as accelerator – due to yellowing aspects.

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.