

Plastifloor® 526 N (USA)

Medium viscous methacrylate resin
for sealing Plastifloor® coatings
in wet areas of the food industry

Properties:

Plastifloor® 526 N is a topcoat, particularly on floors broadcast with sand and smoothed coatings based on Plastifloor® 332, Plastifloor® 510 or Plastifloor® 418 in production plants of the food industry with increased water and fat load.

Plastifloor® 526 N excels particularly in the following characteristics:

- good processing quality
- low tendency to yellowing
- increased hot water and fat stability up to 176°F

Data:

Delivery form	liquid, slightly bluish
Flow time	26-32 (68°F DIN flow cup 4mm)
Density at 68°F	DIN 53217 0.0022 lb/cm ³
Flash point	DIN 51755 +50 °F
Curing time	20-30 minutes (68°F and 1% hardener)
Shelf life	dark at < 68 °F 6 months maximum

Initiator/Hardener: Hardener-powder (BPO 50%), temperature-dependent.

VbF: A I

GISCODE: RMA 10

Package and shipping: Steel drum 47.55 gal, 6.60 gal, 2.64 gal

Customs tariff number: 320 820 10

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 (0.7 - 1.2 mm grain).

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

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Preparation: 2.113 gal Plastifloor® 526 N
0.0211 gal hardener powder 50W or 0.042 gal hardener/M

**Pot- and curing time
depending on the
temperature:**

Temperature [°F] **)	Hardener [V %] *)	Pot life [min.]	Hardening- time [min.]
+ 41 to + 50	2.0	25-30	45-50
+ 50 to + 68	1.5	15-20	35-40
+ 68 to + 77	1.0	12-15	20-30
+ 77 to + 86	1.0	8-12	15-20

*) Hardener quantity according to quantity of Plastifloor® 526 N

***) The temperature specifications refer to resin -, soil and air temperature.

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 5% hardener maximum. Basically accelerator cannot be added to sealings – neither as thinner nor as accelerator – due to yellowing aspects.

Hints: Plastifloor® 526 N can be used as clear sealer in interior and exterior zones. Elastic coatings with Plastifloor® 332 should be sealed with Plastifloor® 528 PUMMA-Hybrid if it is an exterior area. Otherwise there may appear hair-line cracks on the surface. In order to avoid yellowing, the hardener quantities in the table must be adhered to exactly. Good cross ventilation during processing assures good curing. Due to the thermoplastic property of MMA-resins, black stripes by forklift loading may appear (skidmarks). Using hardener/M lowers the occurrence of skid and roller marks.

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Storage:

The directives for dealing with easily flammable substances apply for methacrylic resins. Plastifloor® resins need to be stored cool, protected against direct sunlight and preferably at temperatures from 59-68°F. During storage the paraffin dissolved in the binding agent may precipitate. Stir up well the resin before application! Mind the advice on the 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.