

Plastifloor® 528 (GB)

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

PLASTI CHEMIE
Produktionsgesellschaft mbH

Properties: Flexible topcoat, with high impact strength especially on broadcast Plastifloor® 332 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.

Data:

Delivery form	liquid, slightly bluish
Flow time	25- 32 (20°C DIN cup 4mm)
Density at 20°C	DIN 53217 1.00 g/cm ³
Flash point	DIN 51755 +10 °C
Curing time	20-30 minutes (20°C and 1% hardener)
Shelf life	dark at < 20 °C 6 months maximum

Initiator/Hardener: Hardener Powder (BPO), temperature-dependent

VbF: A I

Packaging and Delivery: Steel drum 180 kg, 25 kg pail, 10 kg pail

Customs tariff number: 320 820 10

Processing: For proper curing at least 400 g/m² 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 800 g/m². Best results are obtained with 700 g/m² by roller step with short hair (polyamide gold stripe) on sand broadcast coatings (0.7 - 1.2 mm grain).

Preparation: 8 l Plastifloor 528
0.16 l Hardener 50W or 0.32 l hardener/M

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Pot life and Hardening time depending on the temperature:

Temperature [°C] **)	Hardener [% by vol.]	Pot life [min.]	Hardness- time [min.]
+ 5 to + 10	2.0	25-30	45-50
+ 10 to + 20	1.5	15-20	35-40
+ 20 to + 25	1.0	12-15	20-30
+ 25 to + 30	1.0	8-12	15-20

*) Hardener quantity referred to Plastifloor® 528 (Hardener 50W)

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

Hints:

In order to avoid yellowing, the indicated hardener quantities have to be strictly respected. Good ventilation during processing guarantees a good curing. Due to the thermoplastic character of MMA resins, black strips (skidmarks!) may occur under the pressure of forklift traffic.

Storage:

Methacrylate resins are subject to the handling regulations of highly flammable materials. Plastifloor® resins have to be stored cool, if possible at temperatures between 15 – 20° C. Keep away from direct sun. During storage paraffin particles can deposit. Material has to be stirred up well before use. Please note the advice of our safety datasheet.

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.