

Acrydur™ 528 (GB)

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

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

Data:

| | |
|---------------|----------------------------------|
| Delivery form | liquid, bluish |
| Flow time | 25- 35 (20°C DIN cup 4mm) |
| Curing time | 25-35 minutes |
| Shelf life | dark at < 20 °C 6 months maximum |
| Bundle | 180 kg drum 25 kg, 10 kg pail |

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

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 Acrydur™ 528
800 ml Hardener 50W or 160 ml hardener/M

**Pot life and Hardening time
depending on the
temperature:**

| Temperature [°C]** | Hardener [Vol%]* | Pot life [min] | Curing time [min] |
|-----------------------|---------------------|-------------------|----------------------|
| +5 | 2 | ca. 30 | ca. 50 |
| +10 | 1,5 | ca. 20 | ca. 40 |
| +20 | 1 | ca. 15 | ca. 30 |
| +25 | 1 | ca. 12 | ca. 20 |

*) Hardener quantity referred to Acrydur™ 528 (Hardener 50W)

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

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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. Acrydur™ 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.

Industrial safety:

Ensure sufficient ventilation during work. On processing, pay attention to the directives in the hazardous substances ordinance and to the indications of the Federal States Committee for industrial safety and safety engineering (LASI) as well as to our safety data sheets.

VbF: A I

GISCODE: RMA 10

Taxnumber: 3208 2010

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.