

Acrydur™ 526 (GB)

Medium viscous methacrylate resin
for sealing Acrydur™ coatings
in wet areas of the food industry

Properties:

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

Acrydur™ 526 excels particularly in the following characteristics:

- good processing quality
- low tendency to yellowing
- increased hot water and fat stability up to 80 °C

Data:

Delivery form	liquid, slightly bluish
Flow time	30-40 (20°C DIN cup 4mm)
Curing time	30-40 minutes (20°C and 1% hardener)
Shelf life	dark at < 20 °C 6 months maximum
Bundle	180 kg drum 25 kg, 10 kg pail

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

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.

Preparation:

8 l Acrydur™ 526
0.08 l hardener powder 50W or 0.16l hardener/M

Pot- and curing time

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depending on the
temperature:

Temperatur [°C]**	Hardener [Vol%]*	Pot life [min]	Curing time [min]
+ 5	2,0	25 – 30	45 - 50
+ 10	1,5	15 – 20	35 - 40
+ 20	1,0	12 – 15	25 - 35
+ 25	1,0	8 - 12	15 - 25

*) Hardener quantity according to quantity of Acrydur™ 526 (hardener 50W)

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

Attention:

At temperatures below 0°C, the resin needs to be put into a warm environment before processing - minimum 5°C 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:

Acrydur™ 526 can be used as clear sealer in interior and exterior zones. Elastic coatings with Acrydur™ 332 should be sealed with Acrydur™ 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.

Storage:

The directives for dealing with easily flammable substances apply for methacrylic resins. Acrydur™ resins need to be stored cool, protected against direct sunlight and preferably at temperatures from 15-20 °C. 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.

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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.