

## Acrydur™ 500 „style“ (GB)

Methacrylate resin + powder component for producing Acrydur™ 500 „style“ surfaces

**Product:** Acrydur™ 500 „style“ floorings are applied as a premium topcoat for smooth surfaces of high optical quality. The self-leveling coating is produced by mixing liquid component Acrydur™ 500 with dry mixture 500 „style“ and adding hardener powder 500 directly on site. Apply evenly with a notched trowel. Acrydur™ 500 „style“ is applicable as an SL-coating on primed surfaces and, where required, on grounds leveled with an interlayer. After curing, the topcoat can be dry-ground with 100s sand paper, which results in a smooth surface. Transparent sealing is processed with Acrydur™ 500 resin while adding Acrydur™ hardener/M.

**Properties:** As a high quality topcoat on even surfaces such as shops, entrance areas, exhibition halls with high requirements to outstanding visual effects. The coating is distinguished by the following characteristics:

- Good leveling qualities
- Low tendency to yellowing
- Enhanced scratch resistance
- Low staining

### Characteristics:

Delivery form	liquid, slightly bluish
Flow time	26- 32 (20°C) DIN cup 4mm
Curing time	20-30 minutes (20°C and 1% hardener)
Shelf life	dark at < 20 °C 6 months maximum
Bundle	resin 180 kg drum 25 kg , 10 kg pail Powder 15 kg sack Hardener 25 kg, 5 kg, 1 kg box

**Activator:** Acrydur™ 500 is pre-activated for temperatures of + 5 °C to + 30 °C.

**Initiator/Hardener:** Acrydur™ 500 Hardener, temperature-sensitive  
Acrydur™ Hardener/M, temperature-sensitive

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## mix ratio

**coating( topcoat):** 10 l Acrydur™ 500 resin  
15 kg Acrydur™ 500 „style“ powder  
0.2l Acrydur™ 500 hardener (at approx. 20°C)

## mix ratio

**Sealing:** 8 l Acrydur™ 500 resin  
0.24l Acrydur™ hardener M (at approx. 20°C)

**consumption:** ca. 1,5 kg/m<sup>2</sup> coating compound/mm layer thickness.  
ca. 0,3 kg/m<sup>2</sup> sealing

## Processing:

Briefly stir up Acrydur™ 500 resin and pour into a mixing pail. Add Acrydur™ 500 hardener and mix for minimum 30 sec. Then add Acrydur™ 500 “style” / powder component and thoroughly mix for at least 1 minute. Pour coating compound onto the primed and, if required, interlayered underground. Distribute with a notched trowel. Application of a layer thickness between 2-3 mm. After curing, the topcoat can be dry-ground with a rotary disc sander (sandpaper 100s granulation) Sealing is processed with Acrydur™ 500 resin, colourless while adding preferably Acrydur™ hardener/M in order to obtain an even and scratch-resistant surface.

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

Temperatur [°C]**	Hardener [Vol%]*	Pot life [min]	Curing time [min]
+5	6	ca. 20	ca. 60
+10	4	ca. 15	ca. 40
+20	3	ca. 10	ca. 30
+25	2,5	ca. 8	ca. 20

\*) Hardener quantity according to quantity of Acrydur™ 500 N (hardener 50W)

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

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**Colours:** Acrydur™ 500 style powder is available in the following colors:



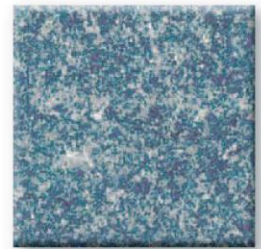
*classic 990*



*hierro 1305*



*contrast 940*



*light blue 501*



*north sea 520*



*desert 860*



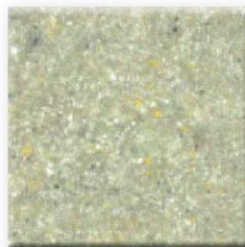
*cinnamon 883*



*beach sand 103*



*peach 350*



*apple green 600*

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**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.

**Advice:** Acrydur™ 500 style is applicable as a topcoat in both interior and exterior zones (pay attention to slip resistance categories!). Good ventilation during the application ensures good curing. Due to the thermoplastic properties of MMA resins, black strips may occur under strain of forklifts (skid marks). This effect may be reduced by processing the sealing with Hardener/M. Please also note the cleaning and maintenance instructions for Acrydur™ grounds.

### 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(resin):** A I

**GISCODE(resin):** RMA 10

**Tax number (resin):** 3208 2010

**Tax number (HardenerM):** 34049000

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.