Acrydur® 332/Z (GB)

Highly viscous, elastic prefilled synthetic resin coating
Applied on concrete and metal surfaces

PLASTI CHEMIE International GmbH

Application: Thanks to its elasticity, Acrydur® 332/Z can be used as a membrane for wear-resistant toppings (up to 5 mm). Its elasticity renders it as an ideal intermediate layer after priming in areas subject to heavy loads and traffic (e.g. forklift traffic) or on orthotropic steel plates. It can also be applied to concrete and metal substrates. Outdoor use is possible.

Properties: Coatings and joint fillers formulated with Acrydur® 332/Z are elastic and abrasion resistant even at low temperatures.

Characteristic data of the resin as delivered:

Property	Measuring method	Approx. value
Density at 20°C	DIN 51757	1.1 g/cm^3
Curing	50-60 min at 20°C	
Pot life at 20°C	ca. 10 min	
Shelf-life	dark at < 20 °C, 1 month maximum	
Form of delivery	viscous, liquid	
Bundle	25 kg, 10 kg pails	

Initiator/Hardener: Hardening powder 50W (BPO), depending on temperature

In order to improve the adhesion of the intermediate layer, we recommend to slightly scatter e.g. quartz sand 0.2-0.7 mm on the intermediate layer.

The production of the mixing property takes place immediately prior to processing via presentation of the bonding agent and addition of the hardener powder. The mixing time with the double agitator amounts to 1 to 2 min. Thin layer thicknesses and/or high filling degrees deteriorate the process characteristics and the characteristics of the resin.

Suggested formulation:

8 L Acrydur® 332/Z
0,20 L Hardener 50W (bei 20°C)

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Pot and hardening times as a function of Temperature:

Temperatur [°C]	Hardener [Vol%]	Hardener [wt%]	Pot life [min]	Curing time [min]
+5	4.0	2.6	ca. 30	ca. 60
+10	3.0	2.0	ca. 25	ca. 50
+20	3.0	2.0	ca. 10	ca. 45
+30	2.0	1.3	ca. 15	ca. 45

• Hardener quantity calculated according to Acrydur® 332
• Temperature refers to resin, surface and air temperature

Hint: Always wait until the previous coat is completely cured before proceeding with the next coat. For applications below - 0°C it is necessary to use Accelerator 101. (Request data sheet!)

Storage: Methacrylate resins should be stored according to the regulations for highly flammable materials, Acrydur® resins should be stored cool and protected from direct sunlight, preferably at temperatures of 15-20 °C. During storage, paraffin portions and fillers may separate. Before processing these bundles, stir up thoroughly!

Industrial safety:

Provide adequate ventilation during work. During processing, observe the regulations of the Hazardous Substances Ordinance, the instructions of the Federal State Committee for Occupational Safety and Safety Technology (LASI), and our safety data sheets.

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VbF: A I

GISCODE: RMA 10

HS-Code: 3208 2010

CE-labelling

CE	
Plasti Chemie Produktionsgesellschaft mbH • Falgardring 1 • 08223 Falkenstein • Germany	
EN 13813, SR-B2, 0-AR0, 5-IR12	
Acrydur® 332Z	
Synthetic resins for internal uses (Application in accordance with the newest technical information)	
Reaction to fire:	E_{fl}
Wear resistance (Abrasion Resistance):	AR 0.5
Impact resistance:	IR 12
Tensile bond strength:	B 2.0

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.

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