Acrydur® Hardener powder/M

for producing a matte seal

PLASTI CHEMIE International GmbH

Application:

Acrydur® Hardener powder/M is used in conjunction with Acrydur® sealing resins when a matte, more scratch-resistant, and more chemically resistant surface is desired. It must be carefully mixed into the respective sealing resin to ensure proper curing and uniform pigment distribution. (Mixing time: min. 1 minute!).

Characteristics:

Acrydur® Hardener powder/M it is a peroxide-containing powder soluble in methacrylates. Upon the decomposition of the powder into reactive radicals, the polymerization reaction begins, leading to the curing of the floor coating.

Properties of the delivered product:

Characteristic	Measurement method	Approximate value
Peroxide content	20±5 %	
Bulk density at 20 °C	620 - 650 g/dm³	
Solubility	insoluble in water	
Form of delivery	Sandy, white, dry powder	
Shelf life	In the dark at < 20 °C: maximum 6 months.	
Delivery Container	2,5 kg, 5 kg, 25 kg Carton	

Safety Instructions:

Acrydur® Hardener Powder/M is an oxidizing agent that decomposes violently upon exposure to heat or contact with reducing agents. Never mix with accelerators! Store and transport separately from Acrydur® resins! Consult the Safety Data Sheet!

Processing / Dosage:

Acrydur® Hardener Powder/M must be mixed with the Acrydur® sealing resin immediately prior to application. Color pigments are to be added last. When determining the dosage, the specifications provided in the product data sheets must be strictly observed! The dosage depends on the temperature and the type of resin. Do not use Acrydur Hardener/M when applying Acrydur® coating resins 332, 418, 510, or 800.

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Pot Life and Curing Times Depending on Temperature:

Temperature [°C]	Hardener [Vol%]	Pot life [min]	Curing time [min]
+ 5	5-6	approx. 40	approx. 55
+ 10	4-5	approx. 30	approx. 40
+ 20	3-4	approx. 20	approx. 30
+ 30	2-3	approx. 10	approx. 20

Storage: Acrydur® Hardener Powder/M must always be stored and transported separately from all Acrydur® resins. Please observe the regulations regarding the storage and transport of hazardous substances.

Occupational Safety: Ensure adequate ventilation during processing. The regulations of the LASI (State Committee for Occupational Safety) must be observed. Please read and follow the instructions provided in our safety data sheets.

VbF : A I

HS-Code: 3404 9000

CE

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EN 13813, SR-B2, 0-AR0, 5-IR12

Acrydur® Härterpulver/M

Application in accordance with the latest technical information

CE- Labeling

Our information regarding our products, equipment, systems, and processes is based on extensive development work and practical application experience. We provide these findings—for which we assume no liability extending beyond the scope of the respective individual contract—both verbally and in writing to the best of our knowledge; however, we reserve the right to make technical modifications in the course of product development. Nevertheless, this does not absolve the user of the responsibility to independently verify the suitability of our products and processes for their own specific application. This also applies with regard to the observance of third-party intellectual property rights, as well as to applications and procedures that have not been expressly authorized by us in writing.

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