Acrydur® 808 PUMMA hybrid (GB)

Higher-viscous, elasticized PU-MMA resin with high flexibility at very low temperatures. For 2-component floor coatings on concrete substrates in coolers and freezers. Also to be used as liquid water-proofing and joint grouting mass for movement joints.

Properties: **Acrydur® 808** is a viscous elasticized PU-MMA hybrid resin with especially high flexibility at very low temperatures. This resin can be used for the construction of membranes and coatings in refrigerators and freezers as well as for liquid films and joint grouting. By using the PET filler 808 PET that has been especially developed for this type of resin, the coating remains particularly elastic, even at low temperatures. The resin can therefore be used for sealing, car park coatings and pool linings. The same goes for the jointless waterproofing of roofs, inlets and dome lights.

Characteristic data of the resin as delivered:

Form of delivery	liquid
Flow time	53-68 sec (20°C), DIN flow cup, 6mm
Curing	45-60 min (20°C)
Shelf-life	dark at < 20 °C 6 months maximum
Bundle	180 kg drum 25 kg, 10 kg pail

Activator: Acrydur® 808 is pre-activated for temperatures from + 5 °C to + 30°C.

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

Thinner: Up to 5 Vol.% accelerator 440

Properties: Coatings based on Acrydur® 808 excel in high low-temperature flexibility. Acrydur® 808 is also used as membrane layer for Acrydur® coatings and is thus especially appropriate for application in coolers and freezers. Furthermore Acrydur® 808 may be used as grouting component for movement joints with very good low-temperature flexibility in outside sections.

Producing the mixture: Acrydur® 808 can be filled as described below with fillers and pigments for producing a coating mass that is ready for application. Don't leave activate Acrydur® 808 in your pail. **Pour out completely**!

Suggested formulations:

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PLASTI CHEMIE International GmbH

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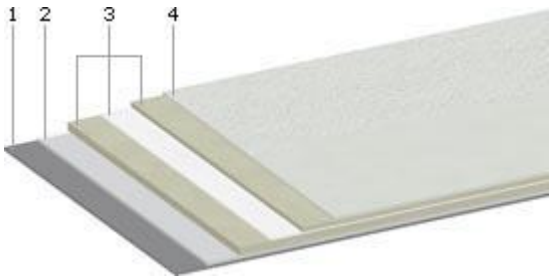
808

80.0 PBW Acrydur® 800
Membrane layer, 1 - 2 mm 20.0 PBW Quartz flour 1600

Processing:

Recipe **808** is applied to the substrate, pre-primed with Acrydur® 112 by using toothed rake made of metal or MMA durable plastic. Acrydur® 808 coatings should be sealed with Acrydur® 528 PUMMA (clear or pigmented) or followed by another coating layer.

System structure:



1. substrate
2. primer Acrydur® 112
3. waterproofing with Acrydur® 808 with PET filler,
4. polyester fleece
5. topcoat with Acrydur® 528 (optional)

Pot life and curing times depending on Temperature:

Temperature [°C] **)	Hardener [Vol.-%] *)	Pot life [min.]	Curing time [min.]
+ 5	5.0	~ 15	~ 70
+10	4.0	~ 15	~ 60
+20	3.0	~ 10	~ 45
+30	2.0	~ 5	~ 50

*) Hardener quantity corresponding to Acrydur® 808 resin
**) Temperature indications correspond to resin, floor and air temperature

Note:

It is absolutely necessary to stir up well the resin before application.

Processing below 0°C:

Please use accelerator B101! Dosage according to data sheet Acrydur® B101

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Notes: Application and grouting only on primed surfaces! 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 date sheets. Ensure sufficient ventilation!

Storage: The handling-regulations for highly flammable materials apply to methacrylate – resins. Acrydur® resins are to be stored cool, protected against direct sunlight and preferably at temperatures of 15-20 °C. During storage paraffin - particles and filler - materials may precipitate. Thus, before processing, containers have to be stirred up well. Please mind the advice on our safety data sheets.

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 date 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. That does not relieve the user however to examine our data and recommendations before their use responsible for the own use. That applies also regarding the keeping of patent rights third as well as for applications and procedures, which are not expressly in writing indicated by us.

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