



QUICSEAL 135

Epoxy primer, solvent free

Description

QUICSEAL 135 is a transparent, rigid, two component epoxy solvent-free primer. Cures by reaction (cross linking) of the two components.

Uses

The QUICSEAL 135 is mainly used as a primer for polyurethane coatings. It can be used as:

- Primer on concrete substrate or absorbent substrates
- Primer for QUICSEAL Epoxy Flooring System and polyurethane coating

Advantages

- Simple application.
- Excellent anchoring to the surface.
- Solvent-free.
- Resistant to water.
- Provides high tensile and Compressive strength.

Application

Surface Preparation

Careful surface preparation is essential for optimum finish and durability.

The surface needs to be clean, dry and sound, free of any contamination, which may affect the adhesion of the membrane. The minimum Adhesion Strength of the substrate shall be 1.5N/mm². Maximum moisture content should not exceed 5%. New concrete structures need to dry for at least 28 days. Old coatings, dirt, fats, oils, organic substances and dust need to be removed by a grinding machine. Possible surface irregularities need to be smoothed. Any loose surfaces pieces and grinding dust need to be thoroughly removed.

Repair of cracks

Clean cracks and hairline cracks of dust, residue or other contamination. Fill all cracks or holes with suitable putty. The next day smoothen the putty surface with sandpaper or a mechanical grinder.

Mixing

QUICSEAL 135 Component A and Component B should be mixed by low speed mechanical stirrer, according to the stipulated mixing ratio, for about 3 minutes.

ATTENTION: The mixing of the components has to be effected very thoroughly, especially on the walls and bottom of the pail until the mixture becomes fully homogeneous.

Priming

Apply the QUICSEAL 135 A+B mixture by roller or brush, until the surface is fully sealed. For very porous substrate, apply two priming coats.

ATTENTION: Please ensure consumption within the Pot Life.

Consumption

250-300 gr/m² in one layer.

These consumptions are based on practical application by roller onto a smooth surface in optimum conditions. Factors like surface porosity, temperature, humidity, application method and finish can alter consumption.

Packaging

6kg per set

Shelf Life

QUICSEAL 135 can be kept for minimum 12 months in the original unopened pails at a temperature of 10°C - 25°C under shade and in cool & dry environment. Protect the material against moisture and direct sunlight.

Technical Specifications

PROPERTY	RESULTS	TEST METHOD
Composition	Epoxy resin + Hardener	
Mixing Ratio	A : B = 100 : 59 by weight	
Solids Content	100%	CALCULATED
Adhesion to concrete	>2.2 N/mm ² (Concrete failure)	ASTM D 903
Compressive Strength	> 100 N/mm ²	ASTM D695
Application Temperature	12°C to 35°C	
Pot-Life	30 minutes	
Tack Free Time	6 hours	
Light Pedestrian Traffic Time	12 hours	
Final Curing Time	7 days	
		Conditions: 20°C, 50% RH

Precautions

QUICSEAL 135 contains amines. See information supplied by manufacturer. Please study the Safety Data Sheet.

Important Notes

The information set forth herein is furnished in good faith and is based on technical data that QUICSEAL considers to be reliable. This information is intended for use by persons having technical skill and at their own discretion and risk. Information contained in this product sheet conforms to the standard detail recommendations and specifications for the installation of QUICSEAL products as of the date of publication of this document. QUICSEAL makes no other warranties and assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To ensure that you are using the latest, most complete information, contact QUICSEAL.

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