

TECHNICAL DATA SHEET

EM 3008 45% active silicone/silane emulsion

Description

ICM EM-3008 is a 45% active silicone/silane emulsion that can be diluted with water to achieve the desired solids for treatment. ICM EM-3008 will penetrate absorbent surfaces because of its specialized formulation, will extend the life, and preserves the appearance of above ground masonry. ICM EM-3008 is specially formulated to treat old and new brick, mortar, concrete, and concrete blocks.

Key Features

- Water based formulation
- Quick water beading with long term protection
- Ultra hydrophobic silicone/silane actives
- Deep penetration into porous substrates to extend lifetime of treated substrates.

Key Applications

- Waterproofs and hydrophobes brick, mortar, concrete, and concrete blocks
- Treats both old and new brick, mortar, concrete, and concrete blocks
- Protects from damages of water and salt

Use and Cure Information

ICM EM-3008 is typically diluted to between 5-10% actives for application. The surfaces treated should be free of dirt, oil and water. ICM EM-3008 should be applied using a sprayer or roller until the surface is completely covered and the product starts to run down. This will insure good coverage to achieve deep penetration into the concrete pores. An additional treatment can be applied after the product has been allowed to dry for several hours for enhanced protection. The product should be applied at above 5°C (40°F) and will require several hours to dry and give initial hydrophobing effect, complete cure can take up to a week, depending on conditions, with hydrophobicity increasing over time.

Health & Safety

Read product and safety data sheets before handling this product for physical and health hazard information. The safety data sheet is available from your CHT representative.

Limitations

This product is not intended for pharmaceutical use.

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Property

Product

Appearance

Density

Ionicity

Solids Content (%)

pH

Storage

Max Storage Temperature

Min Storage Temperature

Packaging

Shelf Life

Test Method Value

BS ISO 2781 **White liquid**

0.96 g/cm³

Cationic

45 %

8.5

40 °C / 104 °F

4 °C / 39 °F

**40 lb. pails, 441 lb. drums,
and 2205 lb. totes**

12 mths

The content set out in the technical data sheet does not contain information upon which you should rely. It is provided for general information purposes only and does not constitute a product specification. You must obtain professional or specialist advice before taking any action based on the information provided in the technical data sheet.

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