



Cure AC 31C

Acrylic Curing and Sealing Compound

Pack Size
200Kgs, 5Kgs

TDS
Technical Data Sheet



Description

Cure AC 31C is a high solids copolymer that cures concrete and provides a protective coating for both interior and exterior concrete surfaces, including terrazzo. It forms an inert, impervious film that resists alkali from fresh cement, salts, and many construction stains. It penetrates the top surface of the floor, making it highly resistant to the penetration of dirt and staining materials. Cure AC 31C complies with ASTM C 309 Types 1 & 1D, Class B.

Advantages

Higher solids content for increased curing efficiency. Provides a clear curing film for new concrete. Seals all concrete surfaces, both old and new, and is easy to clean. Hardens new concrete by promoting a proper cure for improved abrasion resistance. Dustproofs concrete by impregnating surface pores with a tough, durable film. Protects fresh concrete from rain damage after drying. Compatible with many paints, adhesives, and resilient floor coverings.

Application

Industrial floor slabs, parking garages, exterior pavements and roads, warehouses, walls and columns, dry shake hardened floors, terrazzo floors, passenger and freight terminals.

Application Methodology

For the best cure of freshly placed concrete, apply Cure AC 31C as soon as possible after finishing operations and/or immediately after the surface moisture "sheen" disappears. Apply using a high-pressure industrial sprayer, lambs wool applicator, short nap roller, or brush. Do not cover more area than can be worked in 10 minutes, as Cure AC 31C will begin to dry. When sealing old concrete, ensure the surface is clean and dry. Remove contaminants and stains with strong soaps or caustics rather than acids. Badly worn or porous areas may need a second application to achieve a uniform seal and surface gloss. Use 2 coats of Cure AC 31C for best results. Do not apply to concrete surfaces or at ambient temperatures below 10°C. Do not apply over bleed water or standing water.

Characteristics

Drying Time	< 1 hour
Alkali Resistance (48 hours Exposure)	Passes
Flash Point	43°C
Adhesion to Concrete	Passes

Theoretical Coverage	4-6 m ² /L in two coats
Total Solids	30%
Salt Spray (500 hours exposure)	Passes
Solvent Resistance	Minimal
Adhesion to Asphalt Tile	Passes

Health & Safety

Use a mask, nose cover, and hand gloves during application. Clean hands with soap and water after application. Ensure adequate ventilation and avoid inhalation of the product. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of clean water, then cleanse with soap and lukewarm water and seek medical advice. Do not use solvent to clean the contacted area. Prevent swallowing. In case of accidental ingestion, seek medical attention immediately. Do not induce vomiting.

Packing

Available in 20 L and bulk packs.

Storage And Shelf life

Store in a cool, dry place away from heat. The product has a shelf life of 9 months in its original, unopened, sealed condition.

Conditions for Sale

Sold subject to the Company's conditions of sale, which are available on request.

Note

The information provided in this datasheet is based on extensive experience and is given in good faith to assist you. Our Company policy is one of continuous Research and Development, so we reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however, as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage that may arise as a result thereof.

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Data Reliability

All technical data provided in this document are based on laboratory tests. Actual performance may vary due to factors beyond our control.

Regional Compliance

Product specifications may vary based on local regulations. Please refer to the local Product Data Sheet for precise information.

Legal Disclaimer

The information and recommendations regarding the application and end-use of Carbolink products are provided in good faith based on our current knowledge and experience. Due to variations in materials, substrates, and actual site conditions, no warranty of merchantability or fitness for a specific purpose can be inferred. The user must determine the product's suitability for the intended application. Carbolink reserves the right to change the properties of its products. All proprietary rights of third parties must be observed. Orders are subject to our current terms of sale and delivery. Always refer to the most recent local Product Data Sheet, available upon request.