



ARMORTOP 300 HD

LIQUID READY TO USE CONCRETE FLOOR HARDENER AND DUSTPROOFER

PRODUCT DESCRIPTION

ARMORTOP 300 HD - is a liquid ready to use concrete floor densifier, hardener and dust proof. It is VOC compliant. ARMORTOP 300 HD penetrates into the concrete surface, starting a chemical reaction that fills in the pores of the concrete, producing a substantially denser concrete with improved durability and improved dust proofing properties.

BENEFITS

- Provides improved chemical and abrasion resistance
- Dustproof and colourless.
- Penetrates deeply into concrete thereby densifying and preventing of harmful chemical
- It is ready to use and easy to apply.
- Provides anti scratch surface that won't discolour
- VOC compliant

AREAS OF APPLICATION

ARMORTOP 300 HD is recommended for use in old and new concrete, where chemical resistant, dustproof and improved abrasion resistant surfaces are required such as:

- Factory and industrial floor areas
- Warehouses and storage Silos
- Car parks and packing structures
- Food processing plants
- Gas and Petrol Stations
- Airports and Stadiums etc

SURFACE PREPARATION / APPLICATION MODE

Surface Preparations:

The surface must be clean, free from loose particles, laitance, grease, wax, dirt and all foreign materials before application % by weight of cement. Consult with ARMORSIL's Technical Department for assistance in verifying the appropriate dosage rate and for further information regarding enhanced chemical resistance and optimum concrete performance for your project.

Application Instructions:

Material must be stirred well before application. Apply directly in undiluted form to the concrete in ratio of 2-3 square metre per litre. Note that consumption also depends on surface porosity. Material can be applied with sprayer, squeegee or broom.

Ensure all concrete surface is saturated for about 30-60 mins with Armortop. In hot weather surfaces may need to be continuously saturated to prevent evaporation before penetration.

In order to ensure that material penetrates deeply and quickly ARMORTOP 300 HD can be worked into the concrete with a broom or mechanical scrubber

CURING

After application, wait till surface becomes jelly or slippery, thoroughly flush the surface with water and scrub with brooms. Failure to properly saturate with water and remove the excesses may lead to unsightly white patches, this will not though affect the performance.

SETTING TIME AND STRENGTH

ARMORTOP 300 HD dries fast ; it usually cures with in 2 to 12 hours depending on the Weather and climatic conditions



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SPECIFICATION

ARMORTOP 300 HD is specified for old concrete or already placed concrete on or before 28 days of curing.

TECHNICAL DATA

Color Transparent Brownish
Density 1.15 kg/lit
pH Mixing 11.5 With water
Application Temperature +5°C to +35°C

CLEANING AND HEALTH

ARMORTOP 300 HD a non-hazardous solution, however because it is used with portland cement it should be known prolonged contact with skin by Portland cement may lead to irritation, as it is the case with all cementitious based material, therefore safety gloves and glasses should be used when working with cement.

PACKAGING AND SHELF LIFE

ARMORTOP 300 HD are packed in 20 litres and 200 litres drums. Store in a cold dry place. With proper storage material can be stored and used within 12 months.

LIMITED WARRANTY

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either expressed or implied. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instruction for each product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use away.

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