



CC WRP5

High efficiency water based surface water repellent

DESCRIPTION

CC WRP5 is a water based, ready to use, water repellent made from silane- siloxane polymers. CC WRP5 penetrates the cementitious or stone substrate, increase the surface tension of water so that it slides away from the surface. CC WRP5 allows the surface to breath by allowing water vapor to escape the substrate.

STANDARDS COMPLIANCE

EN 15024-2

USES

CC WRP5 is used:

- To provide water repellency and protection from weathering to vertical, steeply sloping concrete, mineral based and artificial stone, cementitious substrates and mineral paints.
- To help in preventing mould and fungus formation
- As a sealer and treatment for natural stone ,marbles and absorbent tiles
- As a moisture barrier primer
- Not suitable for immersed surface

ADVANTAGES

- Good penetration into substrate
- Cost effective
- Good alkalis and UV resistance
- High water and chloride resistant
- Non staining
- Improve durability properties
- Reduce efflorescence

PACKAGE

5/ 10/ 20/ 1000 lt

CONSUMPTION

0.3-0.9 liter/m² based on the material porosity

SURFACE PREPARATION

Substrate must be clean and free from all foreign or contaminating materials that might impair the quality of bond with the substrate such as oils, grease, curing compounds, dust, and loose aggregate or sand particles.

PRODUCT APPLICATION

CC WRP5 should be applied as a continuous flood coat using a soft brush or low spray equipment. For ideal performance 2 to 3 flood coats are required with a period of 2 to 3 hours in between while the first coat is still wet. For all substrate, it is recommended to carry out a trial on site.



CHARACTERISTICS

Appearance Transparent Liquid
Density 1 ± 0.01
Rapid Chloride Permeability Very Low
Reduction in water absorption 95 %

Storage Condition

Store in a dry shaded area at temperature between 5°C and 40°C.

Shelf life

Original Sealed container has a shelf life of 12 months if stored in the right conditions

SAFETY INSTRUCTIONS

Product may cause skin irritation. Wear gloves and goggles and apply barrier cream to hands. In contact with eyes or mucous membrane, flush immediately with plenty of warm water and seek medical attention without delay.

FIRE

CC WRP5 is nonflammable.