

WRP5



High Efficiency Water Based Surface Water Repellant

DESCRIPTION

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

Standards Compliance

EN 15024-2

Uses

S.S. 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 absorp-ent 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

Charactersitics

Appearance	Transparent Liquid
Density	1 ± 0.01
Viscosity	3 cP
Rapid Chloride Permeability	Very Low
Reduction in water absorption	92 %
VOC	<10 g/ltr
Storage Condition	Store in a dry shaded area at temperature between 5°C and 35°C.
Shelf life	Original Sealed container has a shelf life of 12 months if stored in the right conditions

Package

5/ 10/ 20/ 1000 It

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

S.S. 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.

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.

Legal notes

The information, recommendations and application - based on Smart Stone current knowledge and experience of the products when properly stored, handled and applied under normal conditions. Smart Stone products are guaranteed against defective materials and manufacture and are sold subject to its standard conditions. Users should always refer to the most recent Technical Data Sheet for the product concerned, copies of which will be supplied on request.