

Wood & Stone Coat Exterior

Description

Wood & Stone Coat Exterior (WSCE) is a nanotechnology based coating which protects and seals in one treatment. The WSCE provides a protective layer against water and dirt, as a result treated material maintains its look and functionality.

Purpose

WSCE is specially developed for the treatment of porous, highly absorbent surfaces like brick, plaster, etc. It offers excellent protection against moss growth, bacteria and algae. Dirt no longer adheres to the surface and can easily be removed.

Benefits

- Breathability
- Savings in maintenance and cleaning
- Hydro-and oleophobic
- No breakdown by rainfall
- The applied nan coating gives a very long-lasting protection against dirt and moss algae growth

Applications

- Masonry
- Precast concrete
- Stucco
- Wood
- Teak
- Concrete





Surface condition

The precondition for optimal hydrophobic effect is the absorption of the hydrophobizing agent. This depends on the pore volume of the surface to be treated and the moisture content. Hence, the surface should be as dry as possible.

In practice is the impregnation at all temperatures possible. We recommend an application temperature between 8 °C to 25 °C.

Processing advice

To remove any deposits and/or fats, we recommend to follow the following steps:

Cleaning

- Shake Cleaner before use
- Apply by spraying
- Clean with a soft cloth, sponge or brush. If necessary, rinse with water and dry by pulling large areas with wiper

Protection

- The surface to be treated with nebulizer start at the bottom with spray
- Divide excess product with a roller or brush
- Working from bottom to top
- Control of a surface, after 3 hours again treat surface according to the above procedure
- If product is not holding the application is well executed!

Colour and Shine

- colourless

Packing:

- Bottle of 1 litre
- Jerry cans of 5 litres and 10 litres



Consumption

On a smooth surface consumption is approximately 24-32 square meter per litre*

*This indicated consumption is a reference value. Depending on the nature of the surface and the processing it may vary. Exact values can only be determined per project through plots.

Product features

PRODUCT QUALITY:	
PHYSICAL AND MEDICAL PROPERTIES:	<ul style="list-style-type: none"> - Form: liquid - Colour: colourless to pale yellow - Odour: almost odourless - Boiling point: > 90 ° C - Flash point: > 90 ° C - Ignition temperature: not applicable - Danger of explosion: no - Vapour pressure (20 ° C): not applicable - Density: ~ 1.05 g / cm³ - Solubility in water (20 ° C): miscible - A pH value (20 ° C): ~ 4 - Dynamic viscosity (20 ° C): ~ 1.6 mPa s
UV-PROTECTION:	Do not change the contact angle after 250 hours of UV machine UV spot 1000 (UV light of 295 nm, power 1000 W, distance 32 cm)
CHEMICAL RESISTANCE	pH-value of 1 to 13 solvent best thing resistant to chemical cleaning agents
FOOD SAFETY (INERT)	No
DISPOSAL OF OIL (OLEOPHOBIC)	Yes
BREATHING	Yes