



Technical Information Pack

Stone



Global
Hygiene Services
ELIMINATING THE UNSEEN UNCLEAR

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HORSEMEN

■ C A R E ■

Protection

Protection against the Environment –
e.g. Rain, UV damage

Protection against costly maintenance –
e.g. pressure cleaning, chemicals

Protection against contamination –
e.g. adhesion of algae



Innovation

Natural impregnating wax technology

Exceeds performance of traditional materials
– e.g. UV-resistance

Waterbased VOC free, easy to apply

- **STONECARE** is a colorless water-based impregnating wax, used as the impregnation and protection for mineral substrates like render brickwork and stones of all types. Exclusively made from natural raw materials.
- **STONECARE** is a fine wax-emulsion – free of VOC's and without silicate, siloxane or silane based technologies. There is little or no change in the aesthetic appearance or the surface. The surface remains fully permeable to water-vapor exchange. Hydrophobic impregnation creates a water-repellent surface to keep water and aggressive watersoluble salts out. Algae and moss have limited adherence to the surface.

Suitable for the protection of a broad range of mineral substrates. Vapor permeable: allows the surface to breath

Examples of suitable MINERAL SUBSTRATES

Limestone, Sandstone, Bluestone, Marble, Bricks, White stone, Cement tiles, Terracotta.

Especially recommended for bluestone : the stone retains its original color and protects

Improves:

- **Durability**
- **Water repellency (hydrophobic)**
- **Dirt repellency**
- **Maintenance life cycle (lower costs & easy to manage)**

STONECARE helps to prevent the deterioration of the substrate and reduces the need for the harmful and costly algae removal.

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PROPERTIES

- Excellent penetration due to fine wax-emulsion
- Protection into the pores of the stone
- Limited adhesion of green algae and mosses
- Protects the original aesthetics of the building, monument or terrace: invisible
- Ready-to-use
- Easy to apply and
- Easy-to-remove
- Eco-friendly: no solvents – VOC-free
- Safe for human and environment
- Allows the surface to breath
- After treatment: for a long period no need to power-wash the mineral substrate – limiting surface damage and extending the life cycle

STONECARE

was tested by the Belgian Building Research Institute in Brussels on the adhesion of algae; certifying it's excellent performance in resisting algal growth on mineral substrates.

TECHNICAL DATA

- Outlook: Milky liquid
- Odour: Wax smell
- Density: 1
- Ph-value: 9,4
- Viscosity 12" / DIN.4mm
- Drying time: Dust free: 30 minutes – depending on roughness and porosity of the mineral substrate
- Final curing: 24 hours
- Conditions: maximum 60% humidity >5C - <250C (surface temperature)

PREPARATION

- Shake well before use and let product sit for 5 minutes. Use only on a clean surface.
- In case of algal and/or moss contamination: first remove algal growth.
- Substrate has to be sound, dry, free of dust, oil or other contaminations.
- Substrate shall be cleaned by brush prior to application.

CONSUMPTION

First layer:

- 5-10 m2/litre, depending on the application method, porosity and the roughness of the mineral substrate.

Second layer:

- 10-20 m2/litre

The maximum protection is reached when the surface is saturated; the wood will not absorb more product (white moist will remain).

APPLICATION

Product is ready-to-use. Apply with brush. Make sure that the pores of the mineral substrate are completely filled up: recommend minimum of two (2) layers. Uniform application for each layer. Key is the penetration of STONECARE in the mineral substrate: after each layer check saturation of the mineral substrate. Do check the surface temperature. Test per area the estimate of material consumption for different substrates. For larger surfaces: use a low-pressure spraying system on larger surfaces for product distribution; use brush to afterwards treat the surface. Clean brush or spray with warm water.

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HORSEMEN CARE



Before

After



**HorsemenCare is produced by AVALO BVBA
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