



Technical Information Pack

Stone



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 colourless water based impregnating wax, used for the protection of mineral substrates including all types of stone and brickwork. Exclusively made from natural raw materials.**
- **STONECARE is a fine wax emulsion free of VOC's and without siliconate, siloxane or silane based technologies.** There is little or no change in the aesthetic appearance of 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 breathe

MINERAL SUBSTRATES

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

Improves:

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

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

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PROPERTIES

- Excellent penetration due to the fine wax-emulsion
- Protection into the pores of the stone
- Limited adhesion of green algae and moss
- Invisibly protects the original aesthetics of the building, monument or terrace.
- Ready-to-use
- Easy to apply
- Easy-to-remove
- Eco-friendly: no solvents – VOC-free
- Safe for human, animals and the environment
- Allows the surface to breathe
- 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 its 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 - <25C (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 contaminates.
- Substrate should 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 residue will remain).

APPLICATION

Product is ready to use. Test an area to estimate the volume of product needed for different substrates. Check the surface temperature. Apply with a brush. Make sure the pores of the mineral substrate are completely filled up: recommended two layers. Uniform application for each layer. The key is the penetration of STONECARE in the mineral substrate: after each layer check the saturation of the mineral substrate. For larger surfaces use a low-pressure spraying system for product distribution. Use a brush or roller to finish the application. Clean brush or spray with warm water.

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Before

After



**HorsemenCare is produced by AVALO BVBA
and distributed in the
United Kingdom by**

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