



Technical Information Pack

# Concrete



Global  
Hygiene Services  
ELIMINATING THE UNSEEN UNCLEAN

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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

**CONCRETECARE** is a colorless water-based impregnating wax, used as the impregnation and protection for concrete substrates of all types. Exclusively made from natural raw materials. Formulation is enhanced by microscopic glass beads to effectively fill the pores of the substrate.

**CONCRETECARE** 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 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 types of concrete substrates.  
Vapor permeable: allows the surface to breathe

### Improves:

- Durability
- Water repellency (hydrophobic)
- Dirt repellency
- Maintenance life cycle (lower costs & easy management)

# ConcreteCare

## PROPERTIES

- Excellent penetration due to fine wax-emulsion
- Protection into the pores of the concrete
- Limited adhesion of green algae and mosses
- Protects the original aesthetics of the building: 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 concrete – limiting surface damage and extending the life cycle



## 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 concrete substrate
- Final curing: 24 hours
- Conditions: maximum 60% humidity >50C - <250C (surface temperature)

## PREPARATION

- Shake and stir well before use and let product sit for 5 minutes. Please note that the microscopic glass beads have settled in the tin – they will dissolve after stirring. 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 m<sup>2</sup>/litre, depending on the application method, porosity and the roughness of the concrete substrate.

Second layer:

- 10-20 m<sup>2</sup>/litre

The maximum protection is reached when the surface is saturated; the concrete substrate 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 concrete are completely filled up: recommend minimum of two (2) layers. Uniform application for each layer. Key is the penetration of CONCRETECARE in the concrete substrate: after each layer check saturation of the concrete. 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



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