



Technical Information Pack

Wood

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

Wood is one of the oldest and most trusted materials in existence and, when properly cared for, can last for a very long time. Unfortunately, wood that is exposed to moisture can stain, degrade and even lose its structural integrity. Algal growth will create a dangerous slippery surface.

For a low maintenance long lasting installation tropical hardwoods are often used outdoors. Their density makes them resistant protective layer.

DECKCARE is a colorless water-based impregnating wax, used for the impregnation and protection of exterior wood surfaces. Exclusively made from natural raw materials and protects the natural aesthetics of the wood.

EXOTIC HARDWOODS - Suitable for exotic hardwoods including: Teak, Bankirai, Ipe, Padouk, Azobé, Afzelia . Specially recommended for red cedar.

Please note: Not suitable for use on surfaces which have been sealed by a film-forming coating

Improves:

- **Durability**
- **Water repellence**
- **Dirt repellence**
- **Safety (limits algal growth).**

WoodCare

PROPERTIES

- Excellent penetration due to the fine wax emulsion
- Protection into the pores of the wood
- Suitable for the hard-wearing and easy care properties of outdoor wood
- Vapor permeable: allows the wood to breathe
- Limited adhesion of green algae and moss
- Invisibly protects the original aesthetics of the wood surface
- Ready-to-use
- Easy to apply and easy-to-remove
- Eco-friendly: no solvents – VOC-free
- Safe for human, animals and the environment
- After treatment: for a long period no need to power-wash the wood – limiting surface damage and extending the life cycle

TECHNICAL DATA

- Outlook: Milky liquid
- Odour: Wax smell
- Density: 1
- Ph-value: 9,4
- Viscosity 10" / DIN.4mm
- Drying time: Dust free: 60 minutes – depending on roughness and porosity of the wood
- 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 wood.

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 brush. Make sure that the pores of the wood are completely filled up: recommend minimum of two layers. Uniform application for each layer. The key is the penetration of DECKCARE in the wood: after each layer check saturation of the wood. For larger surfaces use a low-pressure spraying system for product distribution; use brush to afterwards treat the surface. Clean brush or spray with warm water.

WoodCare

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Before

After



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