

SpecWood WB Impregnating Preservative

Impregnating primer for natural wood

A one component water based, solvent free polymer, containing lignin-reactive components.

Intended Uses:

SpecWood WB Impregnating Preservative is designed for use as a primer on soft or hard natural woods to protect & chemically prevent the degradation of lignin in the wood, which occurs naturally.

Lignin is naturally occurring in wood and contributes to its rigidity & rot resistance. Lignins are particularly important in the formation of cell walls in wood because they lend rigidity and do not rot easily. SpecWood WB Impregnating Preservative thus helps to drastically extend the life of the wood and the coating applied, enhancing its fade resistance, rot resistance, surface hardness and weathering/water resistance.

Due to the impregnating properties of SpecWood WB Impregnating Preservative, it must be applied to bare wood to properly penetrate.

Features & Benefits:

- Deep penetrating.
- Enhances natural wood water resistance.
- High blocking resistance.
- Prevents the destruction of lignin.
- Easy to apply.
- Enhances the surface hardness of full coating system.
- Enhances the weathering resistance of the full coating system.
- Enhances the elasticity of the full coating system.

Technical Data:

Composition	Water based, solvent free polymer, containing lignin-reactive components.
Colour	Clear
Pack Size	5 & 20 Litre
Density Kg / Lt (Clear)	1.00
Volume Solids	20%
Touch Dry Time @ 25°C	Approximately 30 minutes
Overcoating Minimum @ 25°C	Approximately 6 – 8 Hours
Typical Wet Film Thickness	40 – 50µm (max per coat)
Theoretical Coverage	3 – 5 m ² / Lt depending on porosity
Number of Coats	1
Method of Application	Roller or spray
Storage	Store out of direct sunlight in dry conditions between 15°C and 25°C
Shelf Life	12 months when stored as recommended in original un-opened containers
Clean Up Solvent	Water
Application Temperatures	Min 10°C – Max 40°C (Do not apply at temperatures < 3°C below the dew point)

Typical Exterior System on Wood Decking:

Layer	Product	Consumption
Primer	SpecWood WB Impregnating Preservative	3 – 5 m ² / Lt depending on porosity
1 st Coat	SpecWood WB PU Deck & Wood Outdoor	8 – 10 m ² / Lt @ 40 – 50µm
2 nd Coat	SpecWood WB PU Deck & Wood Outdoor	8 – 10 m ² / Lt @ 40 – 50µm

NOTE: Maximum 2 coats should be applied per day. If the temperature is low, drying time will be exceeding. If the surface is hard enough to sand without clogging paper, it's hard enough to re-coat.

Surface Preparation:

The wood surface must be clean, dry & free from contamination before the application of SpecWood WB Impregnating Preservative.

Remove any grey loose fibres & any paint that is on the wood to allow for proper impregnation of SpecWood WB Impregnating Preservative. Surface stains & dirt can be cleaned with Timba 2K Bleach. Rinse the wood thoroughly with water and allow to completely dry. Wood should be sanded with a coarse grit followed by a fine grit to remove coarse grit sanding marks. Finish sanding in the direction of the grain.

Mixing:

SpecWood WB Impregnating Preservative is a one component material. It should be stirred well prior to use.

Caution:

- Do not apply over sealed surfaces. to determine if the surface is sealed, test the absorbency by sprinkling water on it. If it penetrates quickly the surface is ready to finish. If the water beads or does not penetrate, remove the coating / sealer, or allow to weather 1 to 2 weeks and check absorbency again.
- Use natural breaks as boundaries to divide large areas into smaller, more manageable ones.
- Always consult with our technical department if you are unsure about anything.
- Refer to product SDS for health & safety prior to using products
- Always wear safety clothing / protection. Respirators, eye protection and skin protection.