

High-Quality Water-Repellent for Wood Protection

PRODUCT DESCRIPTION

Betsilan WOOD is a water-based, solvent-free emulsion developed to enhance the durability and longevity of wood. This innovative formula provides excellent water repellency, significantly reducing water absorption and protecting wood surfaces from moisture-related damage. Betsilan WOOD is suitable for use as a standalone wood impregnation solution or as a hydrophobizing additive in aqueous wood treatments and stains.

TYPICAL APPLICATIONS

- Wooden fences
- Wooden terraces
- Wood panels and elements
- Wooden roofs
- Stained surfaces
- Wooden structures
- Wooden floors
- All wooden constructions for indoor and outdoor use
- Marine and high-humidity environments

KEY FEATURES

- **Water-Based and Eco-Friendly:** Solvent-free, easy to use, and environmentally safe.
- **Enhanced Water Resistance:** Creates long-lasting water repellency, reducing capillary water absorption even under prolonged weather exposure.
- **Durability:** Protects wood coatings and stains, minimizing moisture-induced degradation.
- **UV Transparency:** Provides water repellency but does not protect against lignin degradation or graying caused by UV radiation.
- **Versatile Application:** Suitable for brushing, spraying, or flooding, making it adaptable for various wood protection needs.

INSTRUCTIONS FOR USE

- **Dilution:** For impregnation, dilute Betsilan WOOD with water to achieve a solid content of 5-10%. Recommended dilution ratio is 1:4 to 1:9, depending on the absorbency of the substrate.
- **Application Methods:** Apply using a brush, spray, or flooding. Ensure even coverage for optimal protection.
- **As an Additive:** Use undiluted Betsilan WOOD as a hydrophobizing additive in wood treatments and stains. Add 1-3% by weight to enhance water resistance.

COVERAGE RATES

Approximately 8-16 m² per liter when sprayed, depending on the absorbency of the surface.

TYPICAL PROPERTIES

- Drying time: min. 2 hours
- Paintability: paint adhesion may be limited
- Flash point: none
- Thinnable

	Condition	Value	Method
pH	23° C	~ 6	Indicator strips
Solid Content	-	~ 54 %	-
Color	-	Milky, white	ASTM D 412
Density	23° C	~ 1g/cm ³	DIN 51757
Viscosity	23° C	~ 35 mPa	Brookfield
Dynamic			



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STORAGE

- Store at temperatures between 4 °C and 40 °C. Avoid freezing. Stir well before use.
- Shelf life: 12 months in sealed original packaging

HEALTH AND SAFETY

Before use, carefully read the product's safety data sheet (SDS) for information on safety, toxicology, and proper transport, storage, and handling. The SDS is available on our website at www.slprotection.eu or upon request from your local representative.

PACKAGING

Betsilan WOOD (liquid) is available in 1000 L IBC containers. At the customer's request, it can also be packaged in other containers, such as 1L, 3L, 5L, 25 L canisters.

WASTE DISPOSAL

When disposing of waste, follow local waste management regulations and take hazardous waste to an appropriate collection point.

MANUFACTURER CONTACT

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