

MOSHE 3000 WOOD

Hydrophobic impregnation agent for woods.

► Description

MOSHE 3000 WOOD is an active component for water-repellent penetrating treatments on wood. The active ingredients react with moisture to produce hydroxyl groups. These groups will bind to themselves and the substrates to produce a hydrophobic treatment that inhibits the absorption of water into the substrate.

► Areas of application

It can be used on wood substrates that need to repel water without changing its color.

Important:

Exposure of the product to water, prior to its use as a treatment, may cause the material in the packaging to cure;

► Advantages

- Penetration into absorbent wood surfaces, due to a small molecular structure that characterizes repellency;
- Chemically bonds to wood substrates;
- Stable with UV rays to increase treatment life;
- Permeable to water vapor, but resistant to water in its liquid state;
- Penetrating treatment that will not alter the appearance of the substrate at low solids levels.

► Technical Data

Characteristics	
Density	0,805 - 0975 g/cm ³
Soluble in Water	Yes
Flammability	Flammable product
Product Details	
Product Type	Alkoxysilane, organic solvents and special additives
Aspect	Liquid
Color	Transparent liquid straw color
Packaging	Store in a dry place, away from direct sunlight and in the original unopened packaging at temperatures not less than 10 °C and not more than 40 °C.
Shelf Life	It has a shelf life of 12 months from the date of manufacture if the storage guidelines are correctly followed.
Packing	1 L or 5 L bottles, 10 L 20 L, 50 L or 200 L drums; IBC 1000 L
Odor	Characteristic

► Application Method

To ensure compatibility and the expected result in terms of water repellency, a test application is required on each surface to be treated. The surfaces that will receive the product must be completely clean and dry. Therefore, make sure that there is no moisture, paint or resin residue, varnishes, powder, grease, oil, grease, grease, or other unwanted residue on the site. To ensure good penetration, it is essential that the surface is completely dry for the application of the product.

After cleaning, wait for drying for at least 48 hours to start applying the product, noting that in areas where there is no incidence of sun, drying takes longer.

Depending on the degree of absorption of the substrate, as well as its application thickness, there may be a need to wait a longer period for complete drying. For a perfect result, MOSHE 3000 WOOD should be applied to the desired surface in two to three coats. For very porous materials, as many coats as needed will be needed to keep the surface moist for a few minutes.

For application:

Ready-to-use product, DO NOT DILUTE.

- With proper application, the product will penetrate and provide water repellency through a chemical reaction with the substrate.
- The treated substrates will become hydrophobic and retain their original appearance.
- Do not use this product at room temperature at or below 4°C.
- Avoid painting on rainy days or in strong winds.
- Mix well before using.
- Application methods include spray, roller, and brush.
- When using a brush or roller, several applications should be made until the surface remains damp for a few minutes.
- If a spray is used, the application should be continuous until the substrate is saturated. In vertical applications, the material should be applied from the bottom up and reach a range of 6 to 8 inches. The spray system must have hoses and other solvent-resistant parts.

Once cured, it may remain exposed to time, and future reapplications may be necessary. Cleaning can be carried out with water and mild liquid detergent. After cleaning, rinse with clean water. We advise you to wait at least 21 days before promoting the first cleaning.

► Yield

The average yield of the product is 6 to 13 m²/L per coat. However, the yield may vary depending on the experience of the applicator, the type of substrate and its porosity. Complete cure in 21 days.

▶ Personal Protective Equipment

Wear a personal protective mask (ABEK or ABEK-P2 gas filter are recommended), nitrile or butyl rubber gloves, goggles or face protection, waterproof protective clothing (gloves and aprons) and protective boots. Any symptoms of allergy, skin irritation or eye contact, seek medical attention immediately.

Do not reuse the packaging for food purposes, and do not smoke while handling the product. Care should be taken with open packages in the presence of children, whether or not they have product inside. Do not allow the product to reach water, sewage or soil.

▶ Cautions in the application

- Total cleaning of the area where the product will be applied;
- When using the *airless system*, the triangular flex application nozzle should not be more than 20 cm from the application site.
- Without water pressure, the product resists cracks of up to 2 mm.
- Over time, the product may lose its apparent "drop" effect. This condition occurs due to the accumulation of dust, dirt and other floor residues, however, with no impact on the performance of the product on the substrate.
- After application, if scraping is done in the applied area above 2mm, a new application of product on the site is advised.
- In the case of application on concrete substrate, make sure that the concrete curing is complete, which takes place around 28 days after concreting.
- Do not apply in places with positive or negative water pressure.

▶ Observations

Chemist Responsible: Eder de Souza CRQ-IV SP 04414353

Responsible Technician: Marcos Alberto Casado Pereira

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The information contained in this document is based on our knowledge for your help and guidance. We emphasize that the performance of the products depends on the conditions of surface preparation, application and storage, which are not under the responsibility of Moshe 3000. The yield depends on the application technique, the conditions of the equipment and the substrate. Therefore, we do not assume any responsibility for performance and performance of any kind as a result of the improper use of the product and misapplication. This product requires skilled labor for application. For more information, please consult the technical department.