

Technical characteristics

Ecological, transparent wood stain. Its formulation allows the product to protect wood from atmospheric agents, UV rays, woodworm and fungi whilst at the same time maintaining the natural beauty of the wood itself. Easy and quick to use, it is non-yellowing and since it works by pervasion into the wood and not by forming a film on the surface, there are no problems of peeling away in time and as such does not require sanding. The product is certified in class A+ under emissions classifications (Decree of the Official French Gazette dated 19th April 2011).

Ideal Use

Protection and decoration of wood surfaces in interior and exterior.

Surface Preparation

Clean the surface to be treated, removing any dirt and dust. Resinous wood must be cleaned with the appropriate products.

Application method

On wood with uneven or very significant absorption, first apply one coat of ECOIMPREGNANTE LEGNO diluted 10% with drinkable water. Following this and on already prepared surfaces, apply by roller, brush, spray gun (1.3 ÷ 1.7 mm nozzle) or rag, several coats of ECOIMPREGNANTE LEGNO until the support is completely saturated. Apply the product onto wood with humidity level less than 15%.

Finishes

If further protection is required, apply one coat of ECOPROTETTIVO LEGNO by OIKOS.

Safety Information

The product is free of heavy metals such as lead or chrome. It does not contain toxic solvents, aromatics or chlorides. There is no risk of any dangerous polymerisation. The product is considered to be a non-dangerous substance if used in the technically correct manner. Normal cautionary measures for the handling of water based paints are advised. No special arrangements are required for the storage, movement and transportation of the product; the containers, residue, eventual spilt material should be cleaned up using absorbent inert material such as sand, soil etc. etc. and then disposed of in accordance with the regional and national regulations in force at that time. Transportation must be carried out in accordance with international agreements.

Specifications

Clean the surface to be treated, removing any dirt and dust. Apply several coats of a wood stain product such as ECOIMPREGNANTE LEGNO until the support is completely saturated. All must be carried out in accordance with the norms of application, at a cost ofmq. inclusive of materials and labour.

The application

Dilution	Ready to use
Yield	12 ÷ 14 m ² /l per coat according to the surface
Application tools	Brush, roller, rag, spray gun (1.3 – 1.7 mm nozzle)
Application temperature	+05°C ÷ +36°C (relative humidity not higher than 80%)
Drying time: tack free	1 ÷ 2 h (temperature = 20°C with relative humidity at 75%)
Drying time: fully cured	24 h (temperature= 20°C humidity not higher than 75%)
Drying time: for painting over	6 h (temperature= 20°C humidity not higher than 75%)
Tools cleaning	Water

The product

Composition	Acrylic resins in water dispersion, preservatives and additives against wood parasites.
Specific weight	1,02 kg/l +/- 3%
PH	8 ÷ 8,5
Viscosity	50 +/-5% CPS Brookfield (RVT 20 revs/min at 25°C)
Storage Temperature	+2°C ÷ +36°C. Keep from freezing
Fire reaction	Negative when the product is applied onto a non flammable surface: water based material with dry thickness of less than 0.600 mm
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE	Classification: A/e; VOC: 50g/l (max); Limit Phase II (from 01/01/ 2010): 130g/l
Emissions Class	A+ (Decree of the Official French Gazette dated 19th April 2011)
Colours	Transparent uncoloured + Shades of colour chart
Packaging	litres 0.75 – 2.25

Note

The company Oikos Spa guarantees, to the best of its own technical and scientific knowledge, that the information contained in this technical data sheet is correct. Notwithstanding that indicated above, Oikos takes no responsibility for the results obtained through the use of this product in as much as it is not possible for Oikos to check or control the application method used. For this reason, we recommend that you check carefully that each product chosen, is suitable for each individual use to which it is put.