

### Technical characteristics

Ecological acrylic varnish for wood, available in either gloss or matt finish. The product forms a protective film that prevents the penetration of water and the attack of mites, bacteria and mould whilst at the same time bringing out the natural beauty of the wood. The product is non-yellowing, scratch resistant, and resistant to exterior conditions and UV rays.

### Ideal Use

Protection and decoration of wood surfaces in interior and exterior.

### Surface Preparation

Clean the surface to be treated, removing any dust and dirt.

Resinous wood must be cleaned with appropriate products.

**On already treated wood:** sand with fine sand paper.

**On new wood, never treated before, or on wood brought back to a paint-free surface:** apply one coat of TURAPORI ECOLOGICO or ECOIMPREGNANTE LEGNO by OIKOS.

**On very absorbent, old wood:** apply one or two coats of ECOIMPREGNANTE LEGNO.

### Application method

After having prepared the surface, apply by brush, roller or spray gun (0.8 ÷ 1.3 mm nozzle), two coats of ECOPROTETTIVO LEGNO leaving 6 hours between coats. Apply on wood with a humidity level of less than 15%.

### 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, degrease and sand down the surface to be treated, removing any loose material. The surfaces must be fully dry (humidity less than 15%). Apply two coats of a transparent acrylic varnish such as ECOPROTETTIVO LEGNO. All must be carried out in accordance with the norms of application, at a cost of .....mq. inclusive of materials and labour.

### The application

<b>Dilution</b>	By brush or roller: ready to use. By spray gun: 5-10% drinkable water
<b>Yield</b>	10 ÷ 12 m <sup>2</sup> /l per coat according to the surface
<b>Application tools</b>	Brush, roller, spray gun (0.8 - 1.3mm nozzle)
<b>Base coat</b>	TURAPORI ECOLOGICO o ECOIMPREGNANTE LEGNO by OIKOS
<b>Application temperature</b>	+05°C ÷ +36°C (with relative humidity not exceeding 80%)
<b>Drying time: tack free</b>	1 h (temperature = 20°C with relative humidity at 75%)
<b>Drying time to washing</b>	7 days (temperature= 20°C humidity not higher than 75%)
<b>Drying time: fully cured</b>	24 h (temperature= 20°C humidity not higher than 75%)
<b>Tools cleaning</b>	Water

### The product

<b>Composition</b>	Acrylic resins in water dispersion, special transparent pigments, preservatives and additives to aid application and the formation of the surface film.
<b>Specific weight</b>	1,02 kg/l +/- 3%
<b>Gloss</b>	Gloss: 88, matt: 22+/-5, (applied on gloss panel at 120 µm wet, reflectometer 60°C)
<b>PH</b>	8 ÷ 9
<b>Viscosity</b>	Gloss: 800 ÷ 1400; matt: 2000 ÷ 4000 CPS +/-5% Brookfield (RVT 20 revs/min at 25°C)
<b>Storage Temperature</b>	+2°C ÷ +36°C. Keep from freezing
<b>Fire reaction</b>	Negative when the product is applied onto a non inflammable surface: based material with dry thickness of less than 0.600mm
<b>Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE</b>	Classification: A/e; VOC: 80 g/l (max); Limit Phase II (from 01/01/2010): 130g/lt
<b>Colours</b>	Transparent uncoloured + Shades of colour chart
<b>Packaging</b>	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.