

TECHNICAL DATA SHEET

----- PAINT DIVISION -----

Novalis Woodstain

sez. 1.0 Technical characteristic

NOVALIS WOODSTAIN by OIKOS is a transparent, acrylic, woodstain with a low environmental impact. 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. The product is available in a vast range of colours, obtained using special transparent pigments. 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 has low odour is non flammable and is friendly to both humans and the environment.

sez. 2.0 Ideal Use

Protection and decoration of interior and exterior wood surfaces.

sez. 3.0 Surface preparation

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

sez. 4.0 Application method

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

sez. 5.0 Finish

If further protection is required, apply one coat of NOVALIS WOOD PROTECTION by OIKOS..

sez. 6.0 Technical Characteristic: application

Dilution	ready to use
Yield	12 ÷ 14 m ² /l per coat according to the surface
Application tools	brush, roller, rag or spray gun (1.3 ÷ 1.7 mm nozzle)
Application temperature	+5°C ÷ +36°C (relative humidity not higher than 80%)
Drying time: tack free	1÷2 h (temperature= 20°C humidity not higher than 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

sez. 7.0 Technical Characteristic: the product

Composition	acrylic resins in water dispersion, preservatives and additives against wood parasites
Specific weight	1.02kg/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 in accordance with the directive 2004/42 CE	Classification: A/e; VOC 50g/lit (max) 1st Phase limit (from 01/01/2007): 150g/lit. 2nd Phase Limit (from 01/01/2010); 130g/lit
Colours	Transparent uncoloured + Shades of colour chart
Packaging	0,75 – 2.25

sez 8.0 Toxicological data

The product is free of any heavy metals such as lead or chrome. Further to this, the product 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 and movement of the product. The containers, residue and eventual spilled material that has been gathered using absorbent, inert material such as sand, soil etc. should be disposed of in accordance with current national and local regulations. Transportation should be effected in conformity with international agreements.

sez. 9.0 Specifications

Clean the surface to be treated, removing any dirt and dust. Apply several coats of a woodstain product such as NOVALIS WOOD PROTECTION by OIKOS until the support is completely saturated All must be cleaned with suitable products in accordance with the norms of application, at a cost ofmq. inclusive of materials and labour.

Note

The company Oikos S.r.l 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.