

Novalis Woodstain

Technical characteristic

sec. 1

NOVALIS WOODSTAIN by OIKOS is a transparent, acrylic, solvent free woodstain. Its formulation allows it to protect wood from atmospheric agents, UV rays, woodworm and fungi whilst at the same time maintaining the natural beauty of the wood. 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: sanding is not needed. It is odourless, non-toxic, non-flammable and environmentally friendly

Ideal use

sec. 2

Protection and decoration of wood surfaces in interior and exterior.

Surface preparation..... sec. 4

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

Application method

sec. 4

On wood with uneven or very significant absorption, apply first NOVALIS WOODSTAIN diluted 10% with drinkable water. Following this, 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%.

Finish

sec. 2

. If a particular protection is needed, apply one coat of NOVALIS WOOD PROTECTION by OIKOS..

Technical characteristics: the application

sec. 6

Dilution	ready to use
Yield	12 ÷ 14 m ² /l per coat according to the surface
Application tools	brush, roller 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

Technical characteristics: the product

sec. 7

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
Colours	Transparent uncoloured + Shades of colour chart
Packaging	0,75 – 2.25

Toxicological data

sec. 8

The product is free of any harmful substances, pigments or other components containing heavy metals such as lead or chrome. Further to this, the product contains no toxic solvents, aromatics or chlorides. There is no risk of any dangerous polymerisation. The product is non combustible and is held to be a non-toxic 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, any spillage should be cleaned up using absorbent inert material such as sand, soil etc. and then disposed of as any normal waste product according to national and regional current regulations. The transportation must be carried out in conformity with international agreements

Specifications

sez. 9

Clean the surface to be treated, removing any dirt and dust. Apply one or more coats of a wood protection 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.