

Technical qualities

NOVALIS PORE FILLER by OIKOS is a transparent, acrylic undercoat for wood, suitable to be sanded down. It is ideal as a base for NOVALIS WOOD PROTECTION and NOVALIS PARQUET by OIKOS. The product evens out the absorption of the wood by saturating the pores, and makes the surface easier to sand down. NOVALIS PORE FILLER allows a notable saving of the finishing product and helps to improve the final finish. It can be used in interiors as it has a low odour level, is non inflammable and friendly to both humans and the environment.

Ideal use

Ideal Base for NOVALIS WOOD PROTECTION and NOVALIS PARQUET by OIKOS.

Surface preparation

Clean the surface to be treated, removing any loose materials and clean any traces of grease using appropriate products. Resinous wood must be cleaned with specific products.

Application method

Apply one coat of Novalis Pore Filler by OIKOS by roller, brush or spray gun (1.3 ÷ 1.7 mm nozzle). After 6 hours sand down with fine sandpaper. The support must be thoroughly dry (humidity less than 15%) before proceeding with the application of finish products.

Finish

NOVALIS WOOD PROTECTION and NOVALIS PARQUET by OIKOS.

The product

Composition:	acrylic resins in water dispersion, preservatives and additives to aid in application and the formation of the surface film
Specific weight	1 kg/l ±3%
pH	7,5 ÷ 8,5
Viscosity	100 ±5% CPS Brookfield (RVT 20 revs/min. a 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	<ul style="list-style-type: none"> • Classification: A/d • VOC: 7g/l (max) • Limit Phase I (from 01/01/2007): 150g/l • Limit Phase II (from 01/01/ 2010): 130g/l
Packaging	0,75 – 2,25 Lt

The application

Dilution	<ul style="list-style-type: none"> • Brush or roller: ready to use • By spray gun: 10 ÷ 5% with drinkable water
Yield	8 ÷ 10 m ² /l according to surface absorption
Application tools	Brush, roller or spray gun (1.3 ÷ 1.7 mm nozzle)
Application temperature:	+5°C ÷ +36°C (with relative humidity not exceeding 80%)
Drying time: tack free	1 ÷ 2 h (temperature = 20°C with relative humidity at 75%)
Drying time: for painting over	6 h (temperature = 20°C with relative humidity at 75%)
Tools cleaning	Water

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

Thoroughly clean the surface to be treated, remove grease marks using suitable products. Apply one coat of an acrylic base coat for wood such as NOVALIS PORE FILLER by OIKOS and after 6 hours sand down with fine sandpaper. All must be carried out in accordance with the norms of application, at a cost of m². inclusive of materials and labour.