

## TECHNICAL DATA SHEET

### ----- PAINT DIVISION -----

#### *Novalis Pore Filler*

#### **sez. 1.0 Technical characteristic**

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.

#### **sez. 2.0 Ideal Use**

Ideal Base for NOVALIS WOOD PROTECTION and NOVALIS PARQUET by OIKOS

#### **sez. 3.0 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.

#### **sez. 4.0 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..

#### **sez. 5.0 Finish**

NOVALIS WOOD PROTECTION and NOVALIS PARQUET by OIKOS

#### **sez. 6.0 Technical Characteristic: application**

Dilution	brush or roller: ready to use; by spray gun: 10 ÷ 5% with drinkable water
Yield	8 ÷ 10 m <sup>2</sup> /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

#### **sez. 7.0 Technical Characteristic: 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	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

2004/42/CE	
Packaging	0,75 – 2,25 Lt

**sez 8.0 Toxicological data**

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.

**sez. 9.0 Specifications**

Thoroughly clean the surface to be treated, remove grease marks using suitable products and sand down using fine sandpaper. Apply one coat of a water based base coat for wood such as NOVALIS PORE FILLER 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.

**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.*