

Technical qualities

NOVALIS FILLING AGENT by OIKOS is an acrylic, coloured undercoat for wood ideal for use as a base for final coats of enamel. The product is easy to sand and makes the absorption of the wood even covering any imperfections on the surface. NOVALIS FILLING AGENT can be used in closed environments without need of forced ventilation as the product has a low odour level, is non inflammable and is friendly to both humans and the environment.

Ideal use

Base coat for NOVALIS UNIVERSAL ENAMEL by OIKOS.

Surface preparation

Clean the surface to be treated, removing any dirt and dust. Resinous wood must be cleaned with the appropriate products. Use filler if necessary and sand down with a fine sand paper.

Application method

Apply one coat of NOVALIS FILLING AGENT diluted 5 ÷ 10% drinkable water by brush or roller. After 6 hours sand down using fine sand paper.

Finish

NOVALIS UNIVERSAL ENAMEL by OIKOS.

The product

Composition	acrylic resins in water dispersion, inorganic pigments, mineral fillers, preservatives and additives to aid in application and the formation of the surface film
Specific weight	1.45kg/l ±3%
pH	8.5 ÷ 9.5
Viscosity	6.000 ÷ 14.000 ±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 inflammable 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: 25g/l (max) • Limit Phase I (from 01/01/2007): 150g/lt • Limit Phase II (from 01/01/ 2010): 130g/lt
Colours	Shades of the colour chart
Packaging	0,75 – 2.25 l

The application

Dilution	5 ÷ 10% drinkable water
Yield	5 ÷ 6m²/l per coat according to the surface
Application tools	Brush or roller
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: for painting over	6 h (temperature= 20°C humidity not higher than 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

Clean, degrease and sand down the surface to be treated, removing any loose material. Sand down with fine sand paper and if necessary use stucco then apply one coat of an acrylic base such as NOVALIS FILLING AGENT by OIKOS and after 6 hours, sand down with a fine sand paper. All must be carried out in accordance with the norms of application, at a cost ofmq. inclusive of materials and labour.