

Novalis enamel undercoat

Technical characteristic

sec. 1

NOVALIS ENAMEL UNDERCOAT by OIKOS is a pure acrylic solvent free enamel for exteriors and interiors, suitable for use on wood surfaces before painting with NOVALIS UNIVERSAL ENAMEL by OIKOS. Its formulation makes NOVALIS ENAMEL UNDERCOAT easy to use as it does not drip or run during application. It adheres well to the support and dilates to give excellent coverage and smoothness and at the same time is highly resistant to abrasion. The product is non-yellowing, resistant to atmospheric agents and solar radiation, and possesses also a high elasticity. It creates a perfect surface for application of the finishing enamel. It is odourless, non-toxic, non-flammable and environmentally friendly.

Ideal use

sec. 2

Base coat for NOVALIS UNIVERSAL ENAMEL by OIKOS

Surface preparation..... sec. 4

Clean the surface to be treated, removing any loose material. Resinous wood must be cleaned with suitable products.

Application method

sec. 4

Apply by brush, roller or spray gun (1.3 ÷ 1.7 mm nozzle) one coat of NOVALIS ENAMEL UNDERCOAT by OIKOS leaving 6 hours before applying NOVALIS UNIVERSAL ENAMEL by OIKOS.

Technical characteristics: the application

sec. 6

Dilution	by brush or roller: ready to use (max 5% with drinkable water); by spray gun: 5 ÷ 10% with drinkable water
Yield	12 ÷ 16 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	2 ÷ 4 h (temperature= 20°C humidity not higher than 75%)
Drying time: fully cured	36 h (temperature= 20°C humidity not higher than 75%)
Drying time: 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, titanium dioxide based pigments, organic and inorganic pigments and additives to aid application and the formation of the surface film.
Specific weight	1.2kg/l +/-3%
PH	8.5 ÷ 9
Viscosity	2.000 +/-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 flammable surface: water based material with dry thickness of less than 0.600 mm
Colours	white
Packaging	0,75 - 2.25 - 3.75l

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 loose material. On resinous wood, apply one coat of NOVALIS ENAMEL UNDER COAT by OIKOS. Leaving 6 hours before applying one or two coats of NOVALIS UNIVERSAL ENAMEL by OIKOS according to surface and finish desired All must be cleaned with suitable products in accordance with the norms of application, at a cost ofmq. inclusive of materials and labour.