

TECHNICAL DATA SHEET

**NOVALIS SOTTOSMALTO**

**Technical characteristics**

NOVALIS ENAMEL UNDERCOAT by OIKOS is a Low Environmental Impact, pure acrylic enamel for exteriors and interiors, suitable for the preparation of 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, smoothness and elasticity. The product has a low level of odour, is non inflammable and 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 dust, dirt and any loose material. Resinous wood must be cleaned with suitable products.

**Application method**

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.

**Finishes/Protectives**

NOVALIS SMALTO by OIKOS

**Technical Characteristic: application**

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 <sup>2</sup> /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 Characteristic: the product**

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 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	Classification: A/d; VOC: 50g/l (max); Limit Phase I (from 01/01/2007): 150g/l, Limit Phase II (from 01/01/2010): 130g/l
Colours	white
Packaging	0,75 – 2.25 l

**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.

**Specifications**

Clean the surface to be treated, removing any loose material. Dirt and dust should be removed using suitable products. On wood surfaces, apply one coat of NOVALIS ENAMEL UNDER COAT by OIKOS. Leave 6 hours before applying one or two coats of NOVALIS UNIVERSAL ENAMEL by OIKOS according to surface and finish desired All must be carried out in accordance with the norms of application, at a cost of .....mq. 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.*