

TECHNICAL DATA SHEET

NVL

Novalis Special Primer

Technical characteristics

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NOVALIS SPECIAL PRIMER by OIKOS is a special acrylic solvent-free primer, ideal for use on non-porous substrates on which products have problems of adhesion, such as; zinc sheets, plastic laminates, aluminum, PVC etc. The product is paintable with enamels and other decorative products. It is odourless, non-toxic, non-flammable and environment friendly.

Ideal Use

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Non-porous substrates on which products have problems of adhesion, such as; zinc sheets, plastic laminates, aluminum, PVC etc., in interior and exterior.

Surface Preparation

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Thoroughly clean the surface to be treated, remove grease marks using suitable products and sand down using fine sandpaper.

Application method

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Apply using a brush or roller, one coat of NOVALIS SPECIAL PRIMER diluted 5% with drinkable water. For application by spray gun dilute the product 10 ÷ 15% with drinkable water and use a 1.3 ÷ 1.7 mm nozzle.

Finish

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NOVALIS UNIVERSAL ENAMEL by OIKOS

Technical characteristics: the application

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Dilution	By brush or roller: 5% with drinkable water. By spray gun: 10 ÷ 15% with drinkable water.
Yield	10 ÷ 12 m ² /l per coat according to the surface
Application tools	Brush, roller, 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 h (temperature = 20°C with relative humidity at 75%)
Drying time: fully cured	6 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

Technical characteristics: the product

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Composition	Acrylic resins in water dispersion, organic and inorganic pigments and additives to aid application, adhesion and the formation of the surface film.
Specific weight	1.3 kg/l +/- 3%
pH	9 ÷ 10
Viscosity	4,000 ÷ 12,000 CPS Brookfield (RVT 20 rpm 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
Resistance to wash	Conforms to the norm DIN 53 778: resistant to at least 1,000 abrasive cycles
Resistance to abrasion	Conforms to the norm DIN 53 778: resistant to more than 5,000 abrasive cycles
Colours	white + colour chart + "Pastel Colours" colour chart
Packaging	litres 0.75 – 2.25

Toxicological data

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The product is free of any toxic 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

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Thoroughly clean the surface to be treated, remove grease marks using suitable products and sand down using fine sandpaper. Apply one coat of a prime in water such as NOVALIS SPECIAL PRIMER. All must be carried out in accordance with the norms of application, at a cost of m². inclusive of materials and labour. Scaffolding not included