

Technical characteristics

NOVALIS SPECIAL PRIMER by OIKOS is a special, low environmental impact, acrylic primer, ideal for use on non-porous substrates on which products have problems of adhesion, such as; zinc sheets, plastic laminates, aluminium, PVC etc. The product is paintable with enamels and other decorative products. It has a low odour level, is non-inflammable and friendly to both humans and the environment.

Ideal Use

Non-porous substrates or surfaces that cause problems of adhesion, such as; zinc sheets, plastic laminates, aluminum, PVC etc., in interior and exterior.

Surface Preparation

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

Application method

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 ÷ 1.7mm nozzle.

Finish

NOVALIS UNIVERSAL ENAMEL by OIKOS

The product

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 inflammable surface: water based material with dry thickness of less than 0,600mm
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
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE	<ul style="list-style-type: none"> • Classification: A/i • VOC: 60g/l (max); • Limit Phase I (from 01/01/2007): 140g/lt • Limit Phase II (from 01/01/ 2010): 140g/lt
Colours	white + colour chart
Packaging	litres 0.75 – 2.25

The application

Dilution	<ul style="list-style-type: none"> • By brush or roller: 5% with drinkable water • By spray gun: 10 ÷ 15% with drinkable water
Yield	10 ÷ 12m ² /l per coat according to the surface
Application tools	Brush for enamels, roller, spray-gun (1.3 ÷ 1.7mm 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

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 and movement 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

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 primer 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