

Novalis Iron Protection

Technical characteristic

sec. 1

NOVALIS IRON PROTECTION by OIKOS is a transparent, 100% acrylic, protective coating for metal. It is non-yellowing, scratch resistant, water repellent and washable. Protecting the metal, the product brings out and highlights the beauty and the decorative patterns of the support, with a gloss effect. It is ideal to protect NOVALIS IRON FINISH by OIKOS from wear and dirt. The product is odourless, non-toxic, non-flammable and environmentally friendly.

Ideal use

sec. 2

Protection for NOVALIS IRON FINISH by OIKOS

Surface preparation..... sec. 4

Clean the surface to be treated, removing any dirt and dust with the appropriate products

Application method

sec. 4

Apply one or two coats of NOVALIS IRON PROTECTION not diluted by brush or roller leaving 6 hours between coats. Applying NOVALIS IRON PROTECTION diluted 5 ÷ 10% with drinkable water by spray gun (0.8 ÷ 1.3 mm nozzle)

Finish

sec. 2

NOVALIS UNIVERSAL ENAMEL by OIKOS..

Technical characteristics: the application

sec. 6

Dilution	By brush or roller: ready to use By spray gun 5 ÷ 10% drinkable water
Yield	12 ÷ 14m ² /l per coat according to the surface
Application tools	Brush, roller or spray gun (0.8 ÷ 1.35 mm nozzle)
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: fully cured	12 h (temperature= 20°C humidity not higher than 75%)
Tools cleaning	Water

Technical characteristics: the product

sec. 7

Composition	acrylic resins in water dispersion, additives to aid in application and the formation of the surface film.
Specific weight	1kg/l +/-3%
PH	8 ÷ 9
Viscosity	600÷1.200 +/-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
Resistance to Abrasion	conforms to norm DIN 53 778: resistant to at least 5,000 abrasive cycles
Packaging	0,75 - 2.25

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 dirt and dust with the appropriate products. Apply two coats of a metal protective such as NOVALIS IRON PROTECTION by OIKOS. All must be cleaned with suitable products in accordance with the norms of application, at a cost ofmq. inclusive of materials and labour. Scaffolding not included