

### Technical characteristics

NOVALIS IRON PROTECTION by OIKOS is a 100% acrylic, transparent, 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 has a low odour level, is non-inflammable and friendly to both humans and the environment.

### Ideal use

Protection for NOVALIS FERROMICACEO (Novalis Iron Finish) by OIKOS.

### Surface preparation

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

### Application method

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

### The product

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±1200 +/-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 0.600mm
Resistance to Abrasion	conforms to norm DIN 53 778: resistant to at least 5,000 abrasive cycles
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE	<ul style="list-style-type: none"> <li>• Classification: A/d</li> <li>• VOC: 55g/l (max)</li> <li>• Limit Phase I (from 01/01/2007): 150g/lt</li> <li>• Limit Phase II (from 01/01/ 2010): 130g/lt</li> </ul>
Packaging	Litres 0,75 – 2.25

### The application

Dilution	<ul style="list-style-type: none"> <li>• By brush or roller: ready to use</li> <li>• By spray gun 5 ÷ 10% drinkable water</li> </ul>
Yield	12 ÷ 14m <sup>2</sup> /l per coat according to the surface
Application tools	Brush, roller or spray gun (0.8 ÷ 1.3mm 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

### 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, 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 protected, removing any dirt, dust and grease with the appropriate products. Apply two coats of a protective coating for metal such as NOVALIS IRON PROTECTION by OIKOS. All must be carried out in accordance with the norms of application, at a cost of .....mq. inclusive of materials and labour. Scaffolding not included.