

TECHNICAL DATA SHEET
NOVALIS ANTIRUGGINE

Technical characteristics

NOVALIS ANTIRUST by OIKOS is a low environmental impact, anti rust coating based on acrylic resins in water dispersion and anti corrosion pigments. The product guarantees excellent adhesion to the support and protects against rust even in particularly aggressive environments. The special pigments used, form a perfect barrier to water and the weather, thus preventing corrosion. It can also be used in aerated in as much as it has a low odour level, is non inflammable and is friendly to both humans and the environment.

Ideal use

On iron surfaces, on the interior and exterior.

Surface preparation

Prepare the surface either by brushing, scraping, sanding or using a paint remover. Degrease the surface using suitable products and in case of significant presence of rust, apply one coat of NOVALIS RUST CONVERTER by OIKOS.

Application method

Using a brush or roller, apply one coat of undiluted NOVALIS ANTI RUST by OIKOS. To apply by spray gun dilute the product 5 ÷ 10% with drinkable water and use a nozzle of 1.3 ÷ 1.7 mm.

Finish/Protection

NOVALIS UNIVERSAL ENAMEL, THERMO, IRON FINISH by OIKOS.

Technical characteristics: the application

Dilution	by brush or roller: ready to use; by spray gun: 5 ÷ 10% drinkable water
Yield	6 ÷ 8 m ² /l per coat according to the surface
Application tools	Brush, roller or spray gun (1.3 ÷ 1.7 mm nozzle)
Base coat	NOVALIS RUST CONVERTER
Application temperature	+5°C ÷ +36°C (relative humidity not higher than 80%)
Drying time: tack free	1 h (temperature= 20°C humidity not higher than 75%)
Drying time: fully cured	12 ÷ 14 h (temperature= 20°C humidity not higher than 75%)
Drying time for painting over	6 h (temperature= 20°C humidity not higher than 75%)
Tools cleaning	Water

Technical characteristics: the product

Composition	acrylic resins in water dispersion, titanium dioxide based fillers, anticorrosive, organic and inorganic pigments and additives to aid in application and the formation of the surface film.
Specific weight	1.25kg/l +/-3%
PH	8.5 ÷ 9.5
Viscosity	2,000 ÷ 8,000 +/-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 flammable 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/i; VOC: 95g/l (max); Limit Phase I (from 01/01/2007): 140g/l, Limit Phase II (from 01/01/ 2010): 140g/l
Colour	White + shades of the colour chart
Packaging	0,75 – 2,25 lt

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

Prepare and clean the surface either by brushing, scraping, sanding or using a paint remover. Degrease the surface using suitable products, then apply one or two coats of special anti rust product such as NOVALIS ANTI RUST by OIKOS. All must be done in accordance with the norms of application, at a cost ofmq. inclusive of materials and labour. Scaffolding not included.

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.