

## TECHNICAL DATA SHEET ANTIRUGGINE ECOLOGICO

### Technical characteristics

Ecological, anti rust product. 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 bad weather, thus preventing corrosion. It does not contain formaldehyde.

### Ideal use

On iron surfaces, on the interior and exterior.

### Surface preparation

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

### Application method

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

### Finishes

ECOSMALTO UNIVERSALE, ECOSMALTO FERROMICACEO, ECOSMALTO METALLIZZATO, ECOSMALTO THERMO by OIKOS.

### Technical characteristics: the application

|                               |  |
|-------------------------------|--|
| Dilution                      | <u>by brush or roller:</u> ready to use;<br><u>by spray gun:</u> 5 ÷ 10% drinkable water |
| Yield                         | 6 ÷ 8 m <sup>2</sup> /l per coat according to the surface                                |
| Application tools             | Brush for acrylic enamels, roller or spray gun<br>(1.3 ÷ 1.7 mm nozzle)                  |
| Base coat                     | CONVERTITORE ECOLOGICO by OIKOS  |
| 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 II (from 01/01/ 2010): 140g/lit   |
| Colour  | White + shades of the colour chart   |
| Packaging   | 0,75 – 2,25 lt   |

## 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

Prepare and clean the surface either by 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 ANTIRUGGINE ECOLOGICO by OIKOS. All must be done in accordance with the norms of application, at a cost of .....mq. inclusive of materials and labour. Scaffolding not included.

## Note

The company Oikos Spa 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.

