

### Technical characteristics

Special micaceous enamel that gives the treated surface an aged, wrought iron finish. It can be used as a decorative product or as a decorative finish for the creation of several effects. Product certified in class A+ under emissions classifications (Decree of the Official French Gazette dated 19th April 2011).

### Ideal Use

On iron, wood, walls, zinc, PVC etc. in interiors and exteriors surfaces.

### Surface Preparation

Clean the surface and remove detaching parts. Grease or oil must be removed with appropriate products.

**On iron:** sand down, if rust is present apply a coat of CONVERTITORE ECOLOGICO and one coat of ANTIRUGGINE ECOLOGICO.

**On wood:** sand down and apply one coat of ECOFONDO RIEMPITIVO. When dry sand with sandpaper.

### Application method

After the surface has been correctly prepared, apply two coats of undiluted ECOSMALTO FERROMICACEO, by brush or roller, waiting 4-5 hours between coats. In case of application by spray gun (2 ÷ 2.5 mm nozzle) dilute with 10 ÷ 15% drinkable water. ECOSMALTO FERROMICACEO can be applied directly onto zinc and PVC.

### Finishes and protection

ECOPROTETTIVO FERRO by OIKOS

### 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.

### The application

<b>Dilution</b>	By brush or roller: ready to use. By spray gun: 10÷15% drinkable water
<b>Yield</b>	5 ÷ 7 m <sup>2</sup> /l in two coats according to the surface
<b>Application tools</b>	Brush, roller, spray gun (2-2.5 mm nozzle)
<b>Base coat</b>	CONVERTITORE ECOLOGICO, ANTIRUGGINE ECOLOGICO, ECOFONDO RIEMPITIVO by OIKOS
<b>Protective coat</b>	ECOPROTETTIVO FERRO by OIKOS
<b>Application temperature</b>	+05°C ÷ +36°C (with relative humidity not exceeding 80%)
<b>Drying time: tack free</b>	2 h (temperature = 20°C with relative humidity at 75%)
<b>Drying time: fully cured</b>	12 ÷ 14h (temperature= 20°C humidity not higher than 75%)
<b>Drying time: for painting over</b>	6 h (temperature= 20°C humidity not higher than 75%)
<b>Tools cleaning</b>	Water

### The product

<b>Composition</b>	Acrylic resins in water dispersion, micaceous pigments and additives to aid in application and the formation of the surface film
<b>Specific weight</b>	1,5 kg/l +/- 3%
<b>PH</b>	8 ÷ 9
<b>Viscosity</b>	6.000÷12.000 +/-5% CPS Brookfield (RVT 20 revs/min at 25°C)
<b>Storage Temperature</b>	+2°C ÷ +36°C. Keep from freezing
<b>Fire reaction</b>	Negative when applied onto non inflammable surfaces. It is a water-based product with dry thickness less than 0.600mm.
<b>Resistance to wash</b>	Conforms to norm DIN 53778: resistant to more than 1,000 abrasive cycles
<b>Resistance to abrasion</b>	Conforms to norm DIN 53778: resistant to more than 5,000 abrasive cycles
<b>Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE</b>	Classification: A/d; VOC: 35g/l (max); Limit Phase II (from 01/01/ 2010): 130g/l
<b>Emissions Class</b>	A+ (Decree of the Official French Gazette dated 19th April 2011)
<b>Colours</b>	Shades of colour chart
<b>Packaging</b>	litres 0.75 – 2.25

### Specifications

Clean the surfaces with wire brushes or fine sandpaper, degrease with appropriate products. After surface preparation, apply two coats of an enamel such as ECOSMALTO FERROMICACEO. 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.

### 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.