

# OXIRON SMOOTH WROUGHT EFFECT WATER BASED

Indoor - Outdoor. Matt



Product Code: 01E

## Description

Quick drying rustproof enamel-paint. Direct application on steel, no primer is needed. It provides up to 15 years weathering resistance and a high quality finish. High adhesion. Hardwearing. Resistant to impacts. Contains film preservative against fungi and algae.

Easy application by brush. High covering. Excellent barrier coat against moisture. Odourless.

The use of OXIRON allows saving time because overcoating is possible after four hours. In this way, most paint works can be finished in one single day.

Total warranty against corrosion, according to UNE EN ISO 12944 standard, as certified by external laboratory test. OXIRON offers the best performance in the market against corrosion in its category (minimum film thickness and with one single product).

3-in-1 Function: Rust Inhibitor + Primer + Finish

## Fields of Application

Indoors and outdoors. Very suitable for gratings, radiators, benches, electric appliances, doors, etc.

## Technical Data

<b>Product Type</b>	Acrylic co-polymer
<b>Finish</b>	Smooth wrought like
<b>Colour (UNE EN ISO 11664-4)</b>	Steel grey, black and brown
<b>Density (UNE EN ISO 2811-1)</b>	1.10- 1.12Kg/l
<b>Coverage</b>	10 - 12 m <sup>2</sup> /l
<b>Drying at 23°C 60 % RH (UNE 48301)</b>	30 - 60 minutes
<b>Recoat time at 23°C 60% RH (UNE 48283)</b>	After 4 hours
<b>Methods of Application</b>	Brush, roller and spray-gun
<b>Thinner</b>	Water
<b>Equipment Cleaning</b>	Water
<b>Recommended Thickness (UNE EN ISO 2808)</b>	70 - 80 µ
<b>Application Temperature, RH&lt;80%</b>	+10°C - +30°C
<b>Volume Solids (UNE EN ISO 3233-3)</b>	37 - 39 %
<b>VOC (UNE EN ISO 11890-2)</b>	2.004/42IIA (i) (140/140) Max. VOC 80 g/l
<b>Pack sizes</b>	750 and 2.5 l

Variations in temperature, humidity, thickness, tinting or surface type, etc. may lead to changes in drying, in coverage or in other properties.

## Certificates

### **It meets the requirements defined in UNE-EN ISO 12944-6 for C3 Very high, C4 High or C5 Medium**

Determination of moisture resistance. Continuous condensation UNE EN ISO 6270-1: Test duration 480h: Excellent performance against moisture.

Corrosion tests in artificial atmospheres. Salt Spray Test UNE EN ISO 9227: Duration of the test 720h: Excellent performance against corrosion.

### **Superiority test on rusty steel:**

Corrosion tests in artificial atmospheres. Salt Spray Test UNE EN ISO 9227: Duration of the test 240h: Corrosion UNE EN ISO 4628-3: Ri2 (89 dry  $\mu$ )

Reaction to Fire UNE EN 13501-1 + A1: B-s1, d0 / on metal substrate

VOC Emission ISO 16000-6: A +

Resistance against algae UNE EN 15458: Growth 1

Fungus resistance UNE EN 15457: Growth 1

Determination of resistance to liquids. Method using an absorbent medium according to UNE-EN ISO

2812-3: No changes

Community Ecolabel for interior and exterior paints and varnishes (Ecolabel)

## Directions for use

### **GENERAL REMARKS:**

The surfaces to be painted have to be degreased, dry and free from poorly adhered rust particles, calamine and dirt.

Considering the characteristics of the product (metallic particle) the application by roller or gun is recommended. In roller application always spread in the same direction to avoid metallized traces.

### **BARE SURFACES:**

**Steel or Iron:** It can be directly applied. No primer needed. If there is rust, lightly sand in order to roughen the surface. Remove poorly adhered rust. In environments with medium corrosion, steel has to be sanded up to ST-2 of the UNE EN ISO 8501-1 standard. Under these conditions, a minimum thickness of 70 microns (2 dry coats) will be required.

**Aluminium and galvanized surfaces:** Directly apply OXIRON.

**Wood:** TITAN Water-Based Multi-Purpose Primer or TITAN Water-Based Sealing Primer.

**Other surfaces:** Please seek advice.

### **MAINTENANCE OF PREVIOUSLY COATED SURFACES IN GOOD CONDITION:**

Wash with soapy water, let to dry, lightly sand and directly apply OXIRON.

### **MAINTENANCE OF PREVIOUSLY COATED SURFACES IN POOR CONDITION:**

Thoroughly remove rust and poorly adhered previous coats by means of sandpaper or a metallic brush. For topcoats, proceed as for bare surfaces.

## Precautions

Always read the pack label before use. For more information, please refer to the Safety Data Sheet.

Store in tightly closed containers protected from sources of heat and temperatures below 0°C. Shelf life: 36 months in original unopened packaging.

**Waste management:** Follow local legal regulations. Help to protect the environment, do not empty into drains, dispose of this material and its container at hazardous or special waste collection points. Calculate the amount of product you will need to avoid waste and extra costs. Collect the leftover material and keep it well stored for a new use.

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Any technical sheet is automatically cancelled by a subsequent sheet or five years after the issue date. We guarantee the quality of our products. However, we disclaim any liability in relation to factors other than the coating itself or in relation to an unsuitable use or application method. In case of doubt, please refer to our technical service before applying the products



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