



## OXIRITE

### Direct to Rust Metal Paint

#### 1. DESCRIPTION

##### Product Type

Xylazel Oxirite is an Anti-Rust Paint. It can be applied onto new and old metal or even direct to rust. Nor need for a primer or an undercoat. It gives an excellent corrosion protection and an excellent smooth, hammered, satin or forged finish. Indoor and outdoor metal care.

##### Advantages

- Its main advantage is Oxirite can be applied direct onto iron or steel. No need for a primer or minium.
- Even direct to rust, simply remove loose flakes of rust.
- Oxirite is quick drying. It can be re-coated after 1 hour, so jobs can be finished in just one day.
- Using Oxirite you will get important savings in time and labour.
- The resulting finish is excellent: a thick and smooth coat.
- Oxirite is easy to apply. Thixotropic paint. No paint drips. Excellent levelling properties.
- Great hardness. Good abrasion and stick-resistance.
- No leaded neither chrome.

##### Colours

**Smooth:** Black, blue, dark green, green, carriage red, brown, red, yellow, silver, pearl grey, magnolia, white.

**Hammered:** Black, dark blue, grey, dark green, brown, mid green, bronze, red, copper, silver, gold, white.

**Satin:** Black, blue, dark green, brown, carriage red, grey, white.

**Forged:** Black, grey, old gold, green, blue, red.

##### Packaging

Smooth, Hammered and Satin:  
250 ml, 750 ml and 4 litres.  
Forged: 750 ml and 4 litres.

#### 2. USAGE GUIDE

##### Preparation

Remove all loose rust, dirt, grease and mill scale. For smooth metal surfaces, lightly abrade for maximum adhesion.

Oxirite can be applied direct onto iron or steel. There is no need for a primer or minium. It is not necessary to eliminate encrusted paint or rust. Simply remove any loose rust with a wire brush or coarse sandpaper and clean the surface.

On galvanised metal surfaces, use Xylazel Galvanised Metal Primer, before applying Oxirite. This primer produces a chemical reaction on galvanised surfaces, changing the smooth surface into a black surface, ensuring a good paint adherence.

On bare zinc, aluminium and other metals, use Xylazel Especial Metals Primer.

Oxirite may be used on plastics and wood protecting surfaces from outdoors. Surfaces must be cleaned and dry. Wood surface: it is advisable to apply previously a wood primer to protect it from insects and fungus. Plastic and PVC surface: sand for better adherence. In painted surfaces, test for compatibility with existing paint by painting a small test area first.

##### Application

For good corrosion resistance, Oxirite should be built up a thickness of at least 100 microns dry film (0,10 milimetres or 2-3 thick coats). In coastal areas, a 120-micron thickness is recommended.

Oxirite is quick drying. It can be re-coated after 1 hour, so jobs can be finished in just one day.

It is important to plan paint job. The second coat must be applied within 8 hours, as, after 8 hours, Oxirite begins to cure. Do not re-paint Oxirite while it is curing: 2 weeks for smooth, satin and hammered finishes, and 24 hours forged finish.

Ensure edges and corners are adequately covered, these are at greatest risk of premature rusting. It is advisable to apply an additional coat.

Always use Oxirite Thinner.

Oxirite can be applied by brush, roller or airless spray.

**Brush.** Do not dilute it. Stir carefully before use.

**Roller.** Thin Oxirite paint with 10% Oxirite Thinner. For the best result, use a short nap paint roller. The edges should be brushed in first and the remaining areas quickly filled in with the roller.

**Conventional Spray.** Thin with 10% Oxirite Thinner. Apply 3-4 thin coats with a fluid pressure of 1.8 to 2 kg/cm<sup>2</sup>, allowing approximately 15 minutes between coats.

**Airless Spray.** Thin with 10% Oxirite Thinner. Apply with a fluid pressure of 170 to 200 kg/cm<sup>2</sup>, leaving each coat for approximately 1 hour. ONozzle size: 375-500 microns.

##### Cleaning Equipment

Use Oxirite Thinner. No other thinners recommended.



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### 3. TECHNICAL DATA

<b>Covering capacity</b>	4.5 sq metres/litre to 100 microns dry. Depending on surface and application method.
<b>Thinner</b>	Oxirite Thinner. No other thinner recommended.
<b>Touch dry</b>	60 minutes.
<b>Second coat</b>	Before 8 hours.
<b>Cure time</b>	2 weeks smooth, hammered and satin finishes. 24 hours forged finish. Do not apply more coats during cure time.
<b>Colours mix</b>	All Oxirite colours can be intermixed. Smooth colours can be intermixed except Silver. Do not intermix hammered and smooth finishes. The mixture of hammered colours can affect final finish.
<b>Specific gravity</b>	0.97 - 1.17 at 20°C depending on colour/finish.
<b>Viscosity</b>	Thixotropic.
<b>Minimum use temperature</b>	3°C.
<b>Suitable use temperature</b>	8° - 25°C.
<b>Relative humidity</b>	Less than 85%, to avoid condensation on metal.
<b>Corrosion resistance</b>	Passes 1.000 hours ASTM B-117 1973 at 100 microns dry film thickness ASTM D609, type 2 A366 steel panels.
<b>Temperature resistance</b>	Limits: -20°C to 150°C maximum intermittent when fully cured. Continuous 80°C when fully cured.
<b>Chemical resistance</b>	Resist splashing by acids/alkalis (10% max.), petrol, diesel and all common building materials when fully cured.

### 4. OTHER INFORMATION

Do not empty into drains or water courses. Some local authorities have special facilities for disposing of waste coatings. Do not store below 5°C or above 30°C. Not suitable for use in contact with drinking water or foodstuffs.



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