



## *Technical Sheet:*

# **OV- Oil Matt**

*The Rust blocker*

<b>Code:</b> V0034.0000O1	<b>Sigla:</b> ---	<b>Revision:</b> 0	<b>Date:</b> 10/06/2025
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### **Product Characteristics:**

RUST BLOCKER, protective for iron.

It is a slightly viscous, oily liquid with a light yellow color.

It has a very subtle odor.

Matte finish

**Formats** Cans 0,5 – 1 liter.

### **Technical Specifications:**

Method	Description	Value	Tolerance	U.M.
Visual	Aspect	Oily liquid	---	---
Visual	Color	Amber	---	---
Met. Int. ISTR. 44	Specific weight at 20°C	0,895	± 0,01	Kg/dm <sup>3</sup>
Met. Int. ISTR. 45	Dry Residue at 120°C	46,8	± 2	% p/p
Met. Int. ISTR. 50	Gloss (60°)	< 10	Min.	G.U.

### **Use / Applications:**

For the protection of iron, steel, cor-ten steel, copper, aluminium, cast iron and brass products.

The product perfectly captures rust grains, completely blocking oxidation processes.

Applicable on both new and oxidized surfaces, obtaining in both cases a glossy and highly transparent effect.

Great for creating an antique iron effect.

It has extreme versatility; in fact, it can be used as an anti-rust primer for overpainting with synthetic or oil-synthetic enamels or as a glossy transparent topcoat.

When added to synthetic and oil-synthetic paints, it increases their resistance to external agents, brushability and distension. Extremely effective as an additive to ferromics.

### **Characteristics:**

The product has a yield of 15-18 m<sup>2</sup>/l

Weather resistance ranges from 1 to 5 years depending on environmental conditions.

Dries in 12-24 hours depending on temperature and humidity.

Once dried, it withstands a maximum temperature of 150°C.

## **Method of use:**

The surface should be degreased beforehand with Whitespirit Alpine or Syntek, removing crumbly rust parts that are not well anchored to the substrate.

On smooth surfaces it is necessary to sand beforehand to increase product adhesion.

*As an anti-rust/base coat: apply two coats of pure product, by brush or spray.*

*As a transparent finish: apply two/three coats of pure product, with a brush or spray.*

*As an additive to synthetic or ferromicaceous paints: add about 5 percent OV-oil, while still complying with DLgs 161/06 limits for ready-to-use paints and varnishes.*

Always check against light whether the product has been applied over the entire surface (uniform gloss), especially if applied on rust. Touch up dull parts if necessary.

In the case of surfaces artificially rusted with acid solutions, before applying OV-oil, these must be rinsed thoroughly with water, to eliminate residual acidity, and then dried.

The product complies with Legislative Decree No. 161 of March 27, 2006 for limiting emissions of VOC (volatile organic compounds) resulting from the use of paints and varnishes.

<i>Product</i>	<i>Product limit value ready to use (g/l) – Legislative Decree no. 161/06</i>	<i>Value contained in the product (g/l)</i>
One-component high-performance paints (solvent-based)	500	494

*The above information is given according to our theoretical and practical knowledge. The company, however, does not assume any liability as the conditions of use and application are not subject to the OV SpA control.*