RUGGIN OIL

Rust blocker and paint additive

Technical specifications

RUGGIN OIL is a product used as a rust blocker or as a paint additive. When applied on iron or oxidized alloys, it halts the oxidation process both on the surface and in depth while keeping the surface intact. Due to its transparency, if applied directly on rusted surfaces, the rust remains visible.
When added to oil-based or alkyd paints, it increases working time, improves flow, and enhances adhesion and coverage. Its properties include:

- Can be applied directly onto rust.
- Can be used as a primer to create an anchoring substrate for finishing coats, preventing detachment.
- Isolates healthy metal from corrosion.
- Compatible with oil-based and alkyd paints.
- Suitable for non-ferrous metals (zinc, copper, aluminum).
- Improves brush flow when used as a paint additive, increasing working time.
- Suitable for steel structures, railings, pipes, grates, machinery, engine parts, hulls, and tanks.
- Does not require overcoating.
- Can be used as a primer on galvanized surfaces (no need for stripping).
- Applicable on wood (preferably hardwood).

Instructions for use

As a rust blocker: the surface must be clean, dry, and free of contaminants. Remove loose rust and peeling old paint. Smooth edges and minimize surface unevenness using a wire brush. Surfaces exposed to chemicals should be washed with plenty of water or steam; heavily contaminated surfaces require careful cleaning with solvent. Do not remove rust that is firmly adhered. Do not expose bare metal. Apply **RUGGIN OIL** until the rust absorbs it, without letting it dry between coats. After 24 hours, when **RUGGIN OIL** is fully dry, 3-5 coats can be applied over the treated surface.
As a paint additive: prepare the surface according to the paint manufacturer's instructions. Remove any loose remnants of old finishes. Treat any mold with a 1:1 water-bleach solution, leave for 15 minutes, rinse thoroughly, and allow to dry. **RUGGIN OIL** can also be applied on wood to revive, protect, and waterproof it against moisture and weathering.
Finish coat: 5-20% by volume.
Intermediate coat: up to 30% by volume.
First coat: up to 50% by volume.
Values are indicative; application conditions and surface condition affect the amount of **RUGGIN OIL** required. Always perform a preliminary compatibility test when used as an additive. Do not mix or overcoat **RUGGIN OIL** with xylene-rich solvent paints, two-component paints, chlorinated rubber paints, or water-based paints.
Clean tools with turpentine while still wet; if the product dries, use paint remover.

Application

Apply **RUGGIN OIL** pure, using a brush, roller, or airless sprayer.

Consumption

The consumption of **RUGGIN OIL** varies depending on the method of use and the required application. Normally, 1L of product is sufficient to treat 18-20m² of surface.

Warnings

To prevent the risk of spontaneous combustion, it is advisable to store cloths soiled with the product in a metal container with water before final disposal.
Apply at temperatures between 5°C and 35°C.
Do not apply in direct sunlight or on hot surfaces.
Use the product following good working practices, avoiding environmental dispersion.
Wear appropriate protective equipment (gloves, safety goggles, etc.).
Store the product indoors in its original closed packaging, away from weather, frost, and heat sources.
Do not release into the environment: follow local regulations for disposal.
Always carry out a preliminary test before use.

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Packaging

12-pack boxes	0,5L
6-pack boxes	1L
4-pack boxes	5L

CHEMICAL AND PHYSICAL PROPERTIES

Physical state	Liquid
Color	Brown
Smell	Characteristic
Flash Point	32°C
Density (T=20°C)	0,860Kg/L
Touch dry	12h
Fully dry	24h, depending on temperature and humidity
Recoatable	24-48h

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