



Minio extra

100% Thixotropic undercoat

Powerful Anti-Corrosion Pigments for Oxidation Protection



A highly effective **100% thixotropic anti-rust primer**, providing **long-lasting protection** against corrosion, even in highly oxidizing environments. Due to its **thixotropic properties**, it does not drip and is recommended as an undercoat for iron surfaces, especially those exposed to **harsh outdoor conditions**—such as **mountainous or marine environments**. It is also used on **wooden boats** to prevent rot. **Minio Thixotropic** is a **new technology product** and is available in **orange**.

Preparation

Surfaces must be dry, clean, and free from rust, dust, oils, and loose materials. They should be sanded with appropriate sandpaper. New metal surfaces require degreasing with Nitro Thinner N1 by VERNILAC. Rusty surfaces that are being repainted must be thoroughly cleaned. For more effective rust removal, it is recommended to use KILRUST Rust Remover by VERNILAC before application.

Thinning

For application by brush or roller, thin up to 15% by volume with VERNILAC WHITE SPIRIT thinner. For spray gun or airless spray application, thin up to 15% by volume with VERNILAC X2 thinner. For industrial use only, during winter months, thin with VERNILAC Spray Thinner T2 as required by each specific application.

Physical/Technical Characteristics

Viscosity	50-60 sec (DIN 53211-CUP No6, 20°C)
Density	1,38-1,40 kg/lt (ISO 2811.01, 20°C)

Application

Stir well before use and during application. Then, after proper surface preparation (removal of rust and cleaning of the surface), apply one or two coats of MINIO EXTRA using a brush, roller, spray gun, or airless system. Once dry, sand the surface with suitable sandpaper to smooth it out before applying the final topcoat.

Drying – Recoating

MINIO EXTRA is surface-dry in 30–45 minutes at 20°C, 50% relative humidity, and a dry film thickness of 40µm, while full drying is achieved within 1 hour. Recoating can take place after 6–8 hours. Drying times may be extended in low temperatures or high humidity conditions. Avoid application at temperatures below 5°C.

Coverage

4-6 m² per kg on a properly prepared surface, depending on surface absorption and application method.

Color

Orange

Storage

Shelf life: 12 months (in factory-sealed packaging). Store in a shaded, cool environment at temperatures between 5°C and 40°C. After use, seal the container tightly and store under appropriate conditions.

Tool Cleaning

To maintain painting tools in **optimal condition**, clean them **thoroughly after use** with **X2 Thinner** by VERNILAC. **Do not dispose of cleaning liquids into groundwater.**



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Technical Specifications

Date of Issue: 05/06/2025

Version Number: 4th**Volatile Organic Compounds (VOCs)**

The EU maximum VOC content limit (Directive 2004/42/EC) for this product [Category A/i "Special one-component coatings", Type D] is 500 g/L (2010). The ready-to-use product contains a maximum of 499 g/L.

Packaging

Orange	500 g	1 kg	5 kg
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Safety Instructions

Read the label before use. For detailed safety instructions and precautions, consult the **Safety Data Sheet**.

Poison Control Center: +30 210 77 93 777



All the information provided in this technical data sheet is the result of the scientific knowledge of the company's personnel and the practical experience in product application. This document doesn't express or imply a guarantee as the company cannot control and bears no responsibility for the conditions and the manner of application, the adjustment and the modification of the product when used by the customer. The customer must confirm by his own means that the product is suitable for the intended use. The current version of technical data sheet withdraws all previous versions for this product.

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