



Roka Etch Primer

Two Component Etch Primer for Ferrous and Non-Ferrous Surfaces

Roka Etch Primer is a two-component polyvinyl butyral based primer containing Zinc Tetroxy Chromate as the passivating pigment for ferrous and non-ferrous surfaces like galvanized steel, metal sprayed steel, aluminum and light alloys. The Etch Primer ensures good adhesion with minimum surface preparation for subsequent paint coatings.

Uses & Advantages:

- Easy to apply.
- Anti-corrosive.
- Excellent adhesion to light metals like zinc.
- Excellent etching effect on zinc and aluminium.
- Upgrades the performance of vinyl paint system.

Fields of Application:

Roka Etch Primer is used as an adhesion inducing primer for conventional one, and two pack finishes including:

- Polyurethane.
- Epoxy.



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- Alkyd.
- Chlorinated Rubber.

Technical Information:

Color	Semi Translucent Yellow
Mixing Ratio	1:1
Volume Solids	8 – 12%
Finish	Low to Matt Sheen
Flash Point	20°C
Priming	Not Required
Pot Life	8 hours at 25°C
Recommended Application Method	Conventional Spray
Number of Coats	1
Theoretical Coverage	12.5m ² /l
Touch Dry	~20 minutes
Recoat Time	~6 hours
WFT	100 µm
DFT	8 – 10 µm
Shelf life	12 months if kept in recommended conditions



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Storage

Keep in a bounded area under cover, in a well-ventilated area, away from any sources of heat.

Keep containers always closed.

Surface Preparation:

Before the application, the surface must be clean and free from any foreign contaminants like oil, grease and laitance etc. Acid or alkali contamination must be removed by rinsing the surface with clean water. Lightly abrade the surface and dust off the surface before the application of Roka Etch Primer.

Mixing:

Stir Part A thoroughly before mixing with part B. Mix both the parts in equal proportions (1:1), until the desired consistency is achieved. Let the mixed material rest for at least 10 minutes and stir the mixture once again before application.

Mix only enough material that can be used within 6 hours of mixing.

Application:

Using a conventional spray apply a thin layer of Roka Etch primer onto the surface ensuring overlapping each pass.



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Important Remarks:

- Do not use roller, brush or airless spray for the application of Roka Etch Primer.
- Freshly mixed material must not be added to material which has been in use for some time.
- Do not apply if the temperature is below 10°C.
- Do not apply if relative humidity exceeds 85%.
- DFT should not be more than 13 microns.
- Must be overcoated within 6 hours.
- Exposure to weather is not recommended.

Safety Measures:

- Roka Etch Primer is highly flammable. Eliminate all sources of ignition in and around the working area. Fight fire with CO₂ or dry chemical powder.
- Do not smoke in or around the working area.
- Ensure the working area is well ventilated and avoid inhalation of vapours and spray mist.
- Grind off coating before welding.

Health and Safety:

Use of protective clothing, safety goggles, gloves and combined organic vapour respirator is recommended while handling Roka Etch Primer. Avoid contact with skin and avoid vapours or mist inhalation. In case of any contact with skin, immediately clean with industrial skin cleanser followed



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by washing with soap and water. Any splashes in eyes should be cleaned with plenty of clean water and seek medical assistance immediately.

Cleaning:

Wash all the tools and equipment with Xylene immediately after use.

Important Note:

The information provided in this data sheet is based on ongoing development efforts and extensive field experience. While we strive to ensure the accuracy and reliability of the information, we cannot assume responsibility for any work performed using our materials, as we have no control over application methods, site conditions, and other factors. Due to ongoing research and development in our laboratories, we recommend that customers verify that this data sheet has not been replaced by a more recent publication.

All products are sold under our standard conditions of sale, which are available upon request. Any field services offered do not imply supervisory responsibility. For further information, please contact your local representative of Roka Chem Solutions.



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