

| Introduction

Industrial Red Oxide Anti-Corrosive Primer is a fast-curing solvent-based metal primer formulated with corrosion-inhibiting pigments for the protection of ferrous substrates. The coating is engineered to provide dependable adhesion, surface sealing, and economical corrosion protection for fabricated steel structures and general industrial applications.

The product is designed for use as an intermediate or base coating within protective coating systems exposed to moderate atmospheric conditions.

Industrial Red Oxide Anti-Corrosive Primer is a protective coating designed to prevent rust and corrosion on metal surfaces. It contains red oxide pigments and anti-corrosive compounds that create a durable barrier against moisture, chemicals, and environmental damage.

Commonly used in construction, automotive, engineering, and industrial equipment, this primer provides strong adhesion to steel and iron surfaces while improving the durability of topcoat paints. It is suitable for structural steel, machinery, pipelines, and storage tanks. The primer also enhances paint coverage and surface protection, making it an essential preparatory coating for extending the service life of metal components and structures.

| Where it could be used.

- Structural steel and fabricated metalwork
- Industrial machinery and plant equipment
- Maintenance and refurbishment projects
- General steel protection systems
- Interior and exterior steel surfaces
- Workshop and light industrial environments

| Benefits

- Excellent adhesion to steel substrates,
- Good anti-corrosive performance,
- Fast drying characteristics,
- Easy application by spray or brush,
- Available in bulk quantities,.

| How to Apply

Surface Preparation

All surfaces must be clean, dry, and free from oil, grease, dust, rust, and other contaminants. Abrasive blasting to Sa 2 or Sa 2.5 is recommended where possible.

Recommended Application Methods

- Temperature: 10°C – 40°C
- Relative Humidity: Below 85%

Application Method	Recommended Reduction
Airless Spray	Up to 30 mL per litre
Conventional Spray	Up to 125 mL per litre

Storage Conditions

Store in a cool, dry, and well-ventilated area away from direct sunlight and sources of ignition. Recommended storage temperature: 5°C – 35°C.

Property	Value
Dangerous Goods Classification	Class 3
UN Number	1263
Packing Group	III
Flash Point	Approx. 20°C

Shelf life

12 months in unopened original containers under recommended storage conditions

| Important Notes

- Do not add any water.
- Do not apply Alka 403 on any substrates where significant vapor pressure may occur.
- Always ensure good ventilation when using Alka 403 in a confined space.
- Freshly applied Alka 403 should be protected from damp, condensation and water for at least 24 hours.
- If in doubt about the use or application of this product, or further information please contact our Alka Technical Department.
- Avoid contact with skin and eyes.
- Wear protective gloves and eye protection during work.
- If skin contact occurs, wash skin thoroughly.
- If in eyes, hold eyes open, flood with warm water and seek medical attention without delay.
- Avoid contact with foodstuffs and utensils.

Alka 403

Red Oxide Anti-Corrosive Primer



A full Material Safety Data Sheet is available from Alka on request.

Property	Typical Value
Colour	Red Oxide
Finish	Matte
Corrosion Protection	Good
Chemical Resistance	Moderate
Dry Film Toxicity	Non-hazardous after cure
Recommended Reducer	General enamel reducer
Spray Thinning	Up to 10%
Coverage Rate	Approx. 12 m ² /L @ 35 µm DFT
Surface Dry	Approximately 20 minutes
Recoat Interval	Approximately 12 hours
Packaging	4 L and 20 L containers

Product Notes:

- Actual spreading rate varies depending on surface texture, porosity, and film thickness.
- High humidity, lower temperatures, or excessive film build may increase drying times.

All products are subject to Alka terms and conditions. Read the full version on our website prior to any purchase.

| Contact us

ALKA COATINGS / ABN: 70 652 323 487

24/7 Toll-Free Emergency Response line for SDS: 1800 921 288

87 Market St, Smithfield 2164, New South Wales, Australia.

Phone: 1300 51 51 50 / www.alka.au

info@alka.au / Find us on social media.