

| Introduction

Short Oil Alkyd Zinc Phosphate Primer Grey is a fast-drying anti-corrosive primer formulated for protection of ferrous metal substrates. The coating provides excellent adhesion, corrosion resistance, and compatibility with a wide range of industrial topcoats.

Suitable for steel structures, machinery, fabricated metal parts, maintenance coating systems, and general industrial applications.

| Where it could be used.

- Structural steel
- Industrial equipment
- Metal fabrication
- Machinery components
- Maintenance and repair coating systems
- Interior and exterior metal surfaces

| Benefits

- Excellent adhesion to steel substrates
- Good anti-corrosive performance
- Fast drying characteristics
- Smooth matte finish
- Easy application by spray or brush
- Compatible with alkyd and synthetic enamel topcoats
- 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.

Application Method

Suitable for air spray, airless spray, brush, and limited roller application.

Thinning

Use suitable alkyd thinner or xylene-based thinner if required. Recommended thinning: Spray 5–15%, Brush/Roller 0–5%.

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.

Health & Safety

Use only in well-ventilated areas. Wear appropriate PPE during application. Keep away from heat, sparks, and open flames. Refer to SDS before use.

| Important Notes

- Do not add any water.
- Do not apply Alka 401 on any substrates where significant vapor pressure may occur.
- Always ensure good ventilation when using Alka 401 in a confined space.
- Freshly applied Alka401 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 401

Short Oil Alkyd Zinc Phosphate Primer



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

Property	Typical Value
Appearance	Grey Liquid
Finish	Matte
Volume Solids	45 ± 2%
Specific Gravity	1.40 – 1.55
VOC Content	Industrial coating compliant
Dry Film Thickness	40 – 60 microns per coat
Theoretical Coverage	7 – 9 m ² /L at recommended DFT
Flash Point	>23°C
Shelf Life	12 months in unopened containers
Drying Time (25°C & 50% RH)	
Stage	Time
Surface Dry	20 – 30 minutes
Hard Dry	6 – 8 hours
Recoat	8 hours minimum
Full Cure	5 – 7 days
Packaging	1L, 4L, 20L, and 200L

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.