

FEATURES

Advantages:

- Inhibits corrosion of steel
- High film build per coat
- Lead free
- Superior performance on power and hand tool cleaned surfaces
- Easy application by brush, roller or spray
- Excellent flow and leveling
- Can be used on marine topsides

Limitations of Use:

- Do not use in chemical and/or continuous wet exposure
- Under chlorinated rubber, epoxy and urethane finishes

Approvals:

- MAF Meat, Fish and Game Division
- AS4089-1993 : Type 1 and 2 primer
 Meets and exceeds AS4089-1993* in particular adhesion and performance clauses:
 5.5.4; 5.5.5; 5.5.6

* Independently assessed by NZ DSIR (1992), Report No. SPPP 92/1160T

- Meets requirements of AHB 522-1994

RECOMMENDED USES

High Build Rust Barrier is a premium quality alkyd zinc phosphate primer which is designed to give superior protection to steel. It is recommended for use on:

- Structural steel
- Tanks
- Industrial and farm equipment
- Bridges and pipes
- Marine topsides
- Cranes

SPECIFICATION DATA

Coating Type:	Modified Alkyd
Colour:	Grey-Green and Red
Packaging:	1, 4 and 20 litre Single component
Gloss:	Matt
Flash Point:	38°C Setaflash
Thinner:	T48 - Brush S53 - Spray
Storage:	Store under cool, dry conditions

Density:	1.32 kg per litre
VOC:	458g per litre
Volume Solids:	45%
Theoretical Coverage Rate:	9.0 sq metres per litre at 50 microns DFT
Recommended Film Thickness Per Coat:	111-167 microns wet to obtain 50-75 microns dry
Application:	Spray, brush or roller
Dry Times (25°C / 50µm DFT / 50% RH):	
To Recoat	- 18 hours

SURFACE PREPARATION

All surfaces must be sound and free of oil, grease, dirt, form release agents, curing compounds, loose and flaking paint, moisture and other foreign substances

For the best results abrasive blast to SSPC SP6 (Sa2). For mild conditions hand or power tool cleaning to SSPC SP2 or 3 may be satisfactory.

DIRECTIONS FOR USE

Mixing:

Use mechanical agitation for proper mixing to ensure homogeneous condition. Stir until thoroughly mixed.

Thinning:

For spray application thin up to 10% with Altex S53 Thinner. For Brush application thin up to 10% with Altex T48 Thinner if necessary.

Note: Excessive thinning can cause low film thickness, sagging and other film defects.

Application:

High Build Rust Barrier may be applied by brush, roller or spray.

High Build Rust Barrier should be applied in one wet coat, overlapping each pass 50%.

Suggested spray equipment is:

Air Spray *Graco* - Delta Air spray gun, 2.2mm (0.086") or 1.8mm (0.070") set up
De Vilbiss - JGA gun, E Fluid Nozzle, 704 Air Nozzle

Airless Spray *Graco* - 30:1 pump, Contractor gun, 0.015-0.017" RAC IV tip

(Note : Other equipment equivalent to the above may be used.)

Clean-up:

Use T48 thinner

PRECAUTIONS

For industrial use only. See the Altex Coatings Limited General Safety Data Sheet, product label and Material Safety Data Sheet (MSDS) for health and safety information prior to use.

High Build Rust Barrier is flammable. Keep away from heat, sparks and open flame. Use with adequate ventilation. May cause eye and skin irritation. Do not breathe vapour or spray. Wear suitable protective clothing such as gloves and eye and face protection.

ALTEX COATINGS LIMITED

Head Office New Zealand	Head Office Australia	DISCLAIMER
215-239 Oropi Road Greerton, Tauranga PO Box 142 Tauranga Mail Centre Phone: +64 7 5411 221 Fax: +64 7 5411 310 www.altexcoatings.co.nz	7 Production Avenue Ernest Junction Queensland 4214 Australia Phone: +61 7 5594 9522 Fax: +61 7 5594 9093 www.altexcoatings.com.au	This is not a specification and all of the information is given in good faith. Since conditions of use are beyond the control of the manufacturer, information contained herein is without warranty, implied or otherwise, and final determination of the suitability of any information or material for the use contemplated, the manner of use and whether there is any infringement of patents is the sole responsibility of the user. The manufacturer does not assume any liability in connection with the use of the product relative to coverage, performance or injury. For application in special conditions, consult the manufacturer for detailed recommendations.