

FEATURES

Altra~Etch[®] is a versatile etch primer suited to many light industrial and marine applications.

Advantages:

- Excellent adhesion to all common metals
- Versatile, convenient, stable, single pack primer
- Fast drying
- Good abrasion resistance
- Compatible with a wide variety of topcoats

Limitations of Use:

Altra~Etch[®] is not designed to give long term exterior protection without overcoating.

RECOMMENDED USES

Altra~Etch[®] is a single pack etch primer which conforms to AS3884 Type 1 and AS3750.17 Type 1.

Altra~Etch[®] may be overcoated with most finish topcoats including enamel, chlorinated rubber, epoxy, vinyl acrylic and polyurethane.

Altra~Etch[®] is recommended:

- **As a high performance key coating**
- **As a conventional etch over surfaces including**
 - Galvanised steel
 - Zinc sheet
 - Aluminium sheet and extrusions
 - Mild steel
 - Zinc & aluminium spray

SPECIFICATION DATA

Coating Type:	Single Pack Modified Epoxy Etch
Colours:	White, Grey, Black (Australia) Grey and Red (New Zealand)
Packaging:	1, 4 and 20 litre Single package
Mix Ratio:	Single package
Gloss:	Satin
Flash Point:	12°C Setaflash
Thinner:	Altra~Etch Thinner (AET)
Pot Life:	N/A
Induction Time:	N/A
Shelf Life:	12 months
Storage:	Store under cool, dry conditions

Density:	0.97 kg per litre
Temperature Resistance:	100°C Dry,
Volume Solids (Mixed):	10% ± 1%
Theoretical Coverage Rate:	5.0 sq metres per litre at 20 microns dry
Recommended Film Thickness Per Coat:	150-200 microns wet to obtain 15-20 microns dry
Application:	Spray, brush or roller
Dry Times (25°C / 20 µm DFT / 50% RH):	
Touch Dry	5 minutes
Handle	15 minutes
Recoat Minimum	1 hour
Recoat Maximum	Within 90 days

Note: Ventilation, film thickness, humidity and other factors can influence the rate of drying.

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 prior to application of **Altra~Etch**[®]

Steel Surfaces:

Abrasive blast to near white metal equivalent to SSPC SP-10 (AS1627.4 Class 2.5).

Aluminium:

Ensure all surfaces are cleaned with a degreaser. Apply **Altra~Etch**[®] to the clean dry surface.

Galvanized Steel and Electrodeposition Zinc Surfaces:

Altra~Etch[®] may be applied directly to these surfaces after thorough degreasing with Devprep 88 or similar proprietary cleaner.

In the case of galvanising it is essential that all traces of dichromate passivation are removed. This is often best accomplished with a light sweep abrasive blast or very thorough scouring with a synthetic scour pad.

DIRECTIONS FOR USE

Mixing:

Stir thoroughly to ensure a homogeneous condition. This product is supplied at application consistency however some thinning may be required depending upon the type of surface to be painted.

Thinning:

Thinning is not normally required; however up to 10% Altra~Etch Thinner (AET) may be added without affecting the efficiency of the coating.

Application:

Brush, roller or spray.

Clean-up:

Use Altra~Etch Thinner

Ventilation:

It is very important for the safety of the applicator and the proper performance of Altra~Etch[®] that good ventilation be provided to all portions of the enclosed area. It is equally important to bring into the enclosed area dry fresh air to remove all solvent vapours. Since solvent vapours are heavier than air, ventilation ducts should reach to the lowest portions of the enclosed areas as well as into any structural pockets. Ventilation should be provided throughout the cure period to ensure all of the solvents are removed from the coating.

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.

Altra~Etch[®] 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

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