

## FEATURES

**Advantages:**

- Industrial and marine quality undercoat suitable for use on wood and suitably primed steel surfaces in non immersion environments.
- Excellent sanding properties
- Excellent surfacer for minor scratches etc

## RECOMMENDED USES

**Isotal Enamel Undercoat is normally used under Isotal Enamel on correctly primed surfaces such as:**

- Correctly primed masonry, steel and other metal surfaces
- Marine exterior areas such as freeboards, decks, houses and superstructures
- Marine interior areas such as engine rooms, passage ways and equipment
- Wooden structures

## SPECIFICATION DATA

<b>Coating Type:</b>	Alkyd	<b>Density:</b>	1.49 kg per litre			
<b>Colour:</b>	White	<b>VOC:</b>	387g per litre			
<b>Packaging:</b>	1 litre and 4 litre	<b>Temperature Resistance:</b>				
<b>Mix Ratio:</b>	n/a	<b>Volume solids:</b>	53 %			
<b>Gloss</b>	Flat	<b>Theoretical Coverage Rate:</b>	10.6 sq. metres per litre at 50 microns dry			
<b>Flash Point:</b>	38 °C Setaflash	<b>Recommended Film Thickness Per Coat:</b>	94 microns wet to obtain 50 microns dry			
<b>Thinner:</b>	Mineral Turpentine	<b>Application:</b>	Spray, Brush or Roller			
<b>Pot Life:</b>	n/a	<b>Dry Times (50µm DFT / 50% RH):</b>				
<b>Induction Time:</b>	n/a	<b>Recoat – minimum:</b>	<b>5°C</b>	<b>10°C</b>	<b>25°C</b>	<b>30°C</b>
<b>Shelf Life:</b>	Store under cool dry conditions	<b>Single pack</b>	48 hrs	24 hrs	12 hrs	12 hrs
		<b>Recoat – maximum:</b>	<b>5°C</b>	<b>10°C</b>	<b>25°C</b>	<b>30°C</b>
		<b>Single pack</b>	n/a	n/a	n/a	n/a

## SURFACE PREPARATION

All surfaces to be coated should be clean, dry and free from contamination. Oil or grease should be removed in accordance with AS1627.1 solvent cleaning. Surface defects revealed by the preparation process, should be ground, filled, or treated in the appropriate manner. Clean to remove all grit dust and debris and ensure the surface is dry.

### New Surfaces:

Apply one of the following in accordance with the preparation required prior to application of Isotal Enamel Undercoat.

#### Mild Steel:

Multi-Bond Primer, Duroprime HB

#### Aluminium and Galvanising:

Altra-Etch<sup>®</sup> or Galvo One Primer, ECZ Cold Galv

#### Concrete:

Altra-Etch<sup>®</sup>, Galvo One Primer, Multi-Bond Primer

#### GRP/ Epoxy Laminate and Timber:

Multi-Bond Primer or Isotal Enamel Undercoat

### Previously Painted Surfaces:

Clean with Altex P40 Cleaner. Remove loose and peeling paint. Prepare all corroded and damaged paint areas in accordance with the preparation required for the applicable primer. Feather back edges to a sound clean existing coating. Abrade all existing coating to provide a fine matt finish. Clean to remove all grit dust and debris and ensure the surface is dry.

## DIRECTIONS FOR USE

### Mixing:

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

### Thinning:

Thinning maybe required to assist application. Any solvent addition should be made after the component is thoroughly mixed. Excessive thinning can cause low film thickness and coating defects.

### Clean-up:

Use Mineral Turpentine.

### Application:

The preferred method of application for Isotal Enamel Undercoat is spray. Small areas may be brush or rolled if conditions are suitable, however care must be taken to ensure that the correct film thickness is obtained.

Suggested spray equipment is:

Air Spray: DeVilbiss JGA 544 Gun, 'E' Tip and 704 Air Cap or equivalent. Adjust fluid and air pressure to achieve a good spray pattern.

Airless Spray: Graco 30 to 1 pump or equivalent and 017 to .019 range tip sizes.

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

## 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.

**Isotal Enamel Undercoat** 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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