



# Multi-Purpose Primer Undercoat

Data Sheet

## FEATURES

- Versatile single component primer for most substrates above and below water
- Rapid dry time
- Unique resin and pigment blend provides unparalleled protection to suitably prepared steel, wood and GRP, as well as sanded aged coatings
- Provides a "stand alone", multi-coat underwater protective system requiring only anti-fouling to complete the job
- Suitable for all areas of hull on trailer and moored vessels
- Lead and chromate free
- Can be applied using brushes, rollers or spray applied

## RECOMMENDED USES

**Multi-Purpose Primer Undercoat is designed for use as:**

- A water resistant economical primer over suitably prepared steel, lead, wood and GRP.
- May be used above and below water.
- Versatile primer for all single component systems
- Use to seal single pack putties

## SPECIFICATION DATA

<b>Generic Type:</b>	Proprietary Blend of Synthetic Water Resistant Resins
<b>Colour:</b>	Light Grey
<b>Packaging:</b>	500ml (NZ Only) 1 and 4 litre Single component
<b>Gloss:</b>	Flat
<b>Flash Point:</b>	36°C
<b>Thinner:</b>	Spray: Altex Thinner #53 Brush: Altex Thinner #45
<b>Storage:</b>	Store under cool, dry conditions

<b>Density:</b>	1.52 kg per litre
<b>Volume Solids:</b>	48.5%
<b>Theoretical Coverage Rate:</b>	9.7 sq metres per litre at 50 microns dry
<b>Recommended Film Thickness Per Coat:</b>	103 microns wet to obtain 50 microns dry
<b>Application:</b>	Spray, brush or roller
<b>Dry Times (50 µm DFT / 25°C / 50% RH):</b>	Touch Dry : 1½ Hr Hard Dry : Overnight
<b>Recoat Times (50 µm DFT / 25°C / 50% RH):</b>	6-8 Hr min with self or Marine Surfacer Undercoat. Indefinite recoat times. 12 Hrs and up to 48 hours with No.5 Antifouling

## 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 Multi-Purpose Primer Undercoat.

### Steel Surfaces:

Blast to near white metal, equivalent to Steel Structures Painting Council SP10 or Swedish Standard Sa 2.½. The steel profile after blasting should be 30 to 50 microns in depth and be of a jagged nature as opposed to a peen pattern.

SSPC SP3: Mechanical preparation/power tool cleaning. Mechanically abrade the surface with 60-80 grit discs to remove all aged, failed coatings and achieve a bright metal look with a pronounced texture/profile.

Multi-Purpose Primer Undercoat should be applied to the cleaned surface as soon as possible to prevent re-rusting or contamination.

### GRP Surfaces:

Thoroughly sand to remove all loose or unsound coating.

### Timber Surfaces:

Thoroughly sand to remove all loose or unsound coating, preferably to bare timber.

Dry timber surfaces may be pre-sealed above or below water with 421 Epoxy Resin, or with 421 Epoxy Timber Sealer. Cure and re-coat times must be strictly adhered to.

### Aluminium Surfaces:

Multi-Purpose Primer Undercoat is NOT recommended for aluminium surfaces. Refer to 121 Aluminium Primer or No.1 Epoxy Primer (for immersion service).

## DIRECTIONS FOR USE

### Mixing:

Multi-Purpose Primer Undercoat is a single component product that requires only thorough mixing before use.

### Thinning:

For spray application thin up to 20% with Altex Thinner #53, as required.

For brush application thinning with Altex Thinner #45 may be required. The first coat applied to bare timber should be thinned up to 50% to aid penetration.

### Clean-up:

Use Altex Thinner #45 or #53.

### Application:

Multi-Purpose Primer Undercoat can be applied by spray brush or roller.

Suggested conventional spray equipment is:

Graco - Delta Air Spray; 1.1 - 1.4mm Fluid Nozzle  
DeVilbiss - Type 2001 gun; 66SS Fluid Nozzle; 63PB Air Cap

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

## PRECAUTIONS

For DIY & Professional Use: Read and follow all the caution statements on this Product Data Sheet, the product label and the Material Safety Data Sheet (MSDS) for health and safety information prior to use.

**Multi-Purpose Primer 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

ALTEX COATINGS LIMITED		DISCLAIMER
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