Multi~Bond Primer

Multipurpose Primer Undercoat

Data sheet

FEATURES

Advantages:

- A versatile single component anti-corrosive or protective primer for most substrates
- Excellent adhesion
- Non-sandable
- Contains no lead or chromate's
- Contains Micaceous Iron Oxide (Miox)
- Quick recoat

Limitations of Use:

- Not recommended for use on Aluminium or Galvanised substrates.
- Not suitable for use where drinking water is collected or stored

RECOMMENDED USES

Multi~Bond Primer is a premium quality primer designed for general purpose use.

- Can be applied direct to suitably prepared steel, wood, concrete and GRP
- Can be over coated with Isotal Enamel Undercoat
- Normally top coated with Isotal Enamel or Chem~Bar™ 900 depending on environment conditions
- May also be used under water as a protective system where it is normally over coated with AF 1000 or AF 3000 anti-fouling

SPECIFICATION DATA

Coating Type:	Water Resistant Synthetic Resin
Colour:	Light Grey
Packaging:	1 litre and 4 litre
Mix Ratio:	n/a
Gloss	Flat
Flash Point:	
Thinner:	Mineral Turpentine
Pot Life:	n/a
Induction Time:	n/a
Shelf Life:	12 months

Density:	1.45 kg per litre
VOC:	435 g per litre
Temperature Resistance:	
Volume solids:	45 %
Theoretical Coverage Rate:	
9.0 sq. metres per litre at 50 microns dry	
Recommended Film Thickness Per Coat:	
111 wet to obtain 50 microns dry	
Application:	Spray, Brush or Roller

Dry Times (50µm DFT / 50% RH):

Recoat – minimum:	**5°C**	**10°C**	**25°C**	**30°C**
Single pack	12 hrs	8 hrs	4 hrs	4 hrs
Antifouling	24 hrs	8 hrs	5 hrs	4 hrs

Recoat – maximum:	**5°C**	**10°C**	**25°C**	**30°C**
Single pack	n/a	n/a	n/a	n/a
Antifouling	2 weeks	2 weeks	2 weeks	1 week

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.

Steel Surfaces:
Abrasive blast to AS1627.4 Class 2 ½ to achieve a uniform blast profile between 38 to 63 microns and a jagged nature as opposed to a peen pattern. A lesser degree of cleaning will reduce the service life of the coating.

GRP and Wooden Surfaces:
Thoroughly sand with non-stearate paper with 80-120 grit paper.

Concrete surfaces:
Concrete must cure for at least 28 days and not be greater than 10 pH. Acid etch with dilute hydrochloric acid solution (1 part concentrated acid to 10 parts water) to produce a uniformly roughened surface profile, followed by washing off with copious amounts of clean fresh water until the cleaning water is neutral to litmus paper. DO NOT allow etch solution to dry on the surface. Check for excessive moisture using the ASTM D-4263 "Plastic Sheet Method" test. Grinding or sweep blasted to remove all laitence may also be carried out.

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 Multi-Bond Primer 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	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, 0.017-0.021" RAC IV tip.

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.

Multi~Bond 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.

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