



6 Margate Street, Botany NSW 2019
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ALL-SEAL

Pre-Catalysed WHITE UNDERCOAT

DATA SHEET
 DS Ref: NAU111114



Manufactured under a certified quality assured system

Product Description

A single pack high opacity pre-catalysed white undercoat used to on interior timber, veneer, melamine and raw MDF substrates. Formulated for use in conjunction with Pylon's Hy-Tech and Epsilon pigmented top-coat range.

Principal Uses

- * Commercial & domestic furniture
- * Shop fitting & joinery
- * Built-in wardrobes
- * Internal doors
- * Cedar blinds & shutters

Features & Benefits

- * High opacity
- * Inhibits tannin bleed
- * High solids
- * Wax inhibitor for undercoating MDF
- * Fast drying
- * Good sanding properties
- * Excellent vertical hold-up



Solid Content

60%



Theoretical Coverage

5-6m² @ 150 WFT (wet film thickness)



Packaging

4Lt 20Lt



Mixing Instructions

Use a flat blade stirrer and mix thoroughly.

- * Add appropriate thinner and re-mix.



Thinning

* Add between 10 – 45% refer to page 2 'Application System Guide'.

Fast	Thinners C
Medium	Thinners A



Drying Times

Dust Free	10 - 15 mins
Touch Dry	20 - 30 mins
Sanding / Recoat	60 - 90 mins
Full Cure	7 days

*Tested at 25° C & 60% relative humidity
 @150 micron WFT*



Pot Life

N/A



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Application System Guide (based at 25° C and 60% humidity)

	% Thinners	Tip Size	Air Pressure		
			Gun	Pressure Pot	Pump
Suction Pot	30 – 45%	1.8 – 2.0mm	30 - 45psi	N/A	N/A
Gravity Pot	30 – 45%	1.8 – 2.0mm	30 - 45psi	N/A	N/A
Pressure Pot	25 – 40%	1.8 – 2.0mm	30 - 45psi	6-10psi	N/A
Air Assisted Airless	15 – 25%	11 – 13 thou	N / A	N / A	1000 -1500psi
Straight Airless	10 – 20%	11 – 13 thou	N / A	N / A	1000 -1500psi

- Refer to Pylon technical team for your specific requirements

Equipment Cleaning

MEK or Thinners C

Surface Preparation

- 1) All surfaces must be clean, dry and free from dust, grease, dirt and all other contaminants before proceeding and throughout the entire coating process.
- 2) Fill small defects, cracks and holes with a two-pack putty; allow sufficient time to dry as per manufacturers specifications.
- 3) Sanding
 - a. **Raw Timber and Veneers:** Sand with the grain with 180 - 240 grit free-cut sandpaper.
 - b. **Melamine / White Board:** Sand thoroughly with 240 - 320 grit free-cut sandpaper.
 - c. **Raw MDF board:** Sand with the thoroughly with 150 - 220 grit free-cut sandpaper.
- 4) Remove ALL sanding dust using an air gun and clean tack cloth or a lint free cloth.

Application Guidance

- Apply a tack coat and allow to flash off for 3 – 5 minutes;
- Then apply an even wet coat in a cross-hatch method.

This data sheet and the relevant MSDS must be read and understood prior to application.



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Problem Solving

- **Orange peel**; reduce the air pressure and/or adjust thinning ratio.
- **Solvent boil**; apply lighter coats or allow a longer flash off time.

Refer to Pylon technical team for your specific requirements

Storage Instructions

Store in an approved dangerous goods cabinet or bunker in dry condition below 30° C.

Shelf life; 12 months unopened;

Opened products; 6 months.

Warnings

Pylon Coatings advises that:

- you review, understand and follow this data sheet and the MSDS before use;
- it will only support a coating system that is exclusively Pylon products;
- the total dry film thickness should not exceed 200 microns;
- All-Seal should be tested on the selected substrate before proceeding;
- All-Seal is not recommended for any surface that will be submerged in water;
- All-Seal is for selected internal surfaces;
- All-Seal should only be applied when temperatures are above 10° C and below 35° C;
- All-Seal may not properly cure whilst temperatures are below 10° C;
- All-Seal is a specialised industrial coating and should only be applied by experienced and competent tradespeople.

Condition of Use

All Pylon Coatings products are manufactured from high-grade raw materials to ISO 2008 quality assured system. We have no control over the conditions under which these products are stored, transported, handled or used, so customers are advised to test the product before adapting them to their own use. The information contained in this data sheet is based on data appraised in our own laboratory and from comprehensive market research. Pylon Coatings can only control the quality and formulation of our own products, and therefore have no responsibility over the quality or consistency of other company's products or substrates that the products are being applied on. Due to the possible variations between our controlled laboratory test conditions and techniques, differences in application and the range of substrates in today's market, Pylon Coatings supplies its products only on the condition that the consumer is satisfied with the performance of the product in meeting their requirements.