



6 Margate Street, Botany NSW 2019
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IMAGE

Polyurethane WHITE 740 UNDERCOAT

DATA SHEET
 DS Ref: ISHB210814



Manufactured under a certified quality assured system

Product Description

A high build two pack polyurethane white undercoat for use on interior timber, veneer, melamine and raw MDF substrates. Specifically formulated for use under Pylon's Image 700 pigmented series.

Principal Uses

- * Kitchen doors
- * Bathroom cabinetry
- * Commercial & domestic furniture
- * Shop fitting & joinery

Features & Benefits

- * Low VOC & MIR
- * Excellent heat, alcohol & water resistance
- * High solids
- * Excellent opacity
- * Fast drying
- * Good sanding properties
- * User-friendly system



Solid Content mixed (2 parts A & 1 part B)

65%



Theoretical Coverage

White Base 5-6m² @ 150 WFT
 (wet film thickness)



Packaging

Part A White	4Lt	20Lt		
Part B	1Lt	2Lt	4Lts	10Lt



Mixing Instructions

Use a flat blade stirrer for **Part A** before and after adding **Part B** hardener.

Mix by volume:- 2 Parts A to 1 Part B
 Stir thoroughly and leave to stand for 10 minutes.

* Add appropriate thinner and re stir.

Hardener

702 Fast

704 Medium

Refer to Pylon technical team



Thinning

* Add between 10 – 35% refer to page 2 'Application System Guide'.

Fast Thinners 270

Medium Thinners 275



Drying Times

Dust Free 15 mins

Touch Dry 30 mins

Sanding / Recoat 2-4 hrs

Full Cure 7 days

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



Pot Life

3 – 4 hours



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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	20 – 35%	1.8 – 2.0mm	30 - 45psi	N/A	N/A
Gravity Pot	20 – 35%	1.8 – 2.0mm	30 - 45psi	N/A	N/A
Pressure Pot	20 – 35%	1.8 – 2.0mm	30 - 45psi	6-10psi	N/A
Air Assisted Airless	10 - 20%	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 two even wet coats 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.

Pylon's polyurethane hardeners and thinners can be blended to suit individual application techniques and/or weather conditions.

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; Part A - 12 months unopened and Part B - 6 months unopened.

Opened products; Part A - 6 months and Part B - 3 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;
- Image 740 should be tested on the selected substrate before proceeding;
- Image 740 is not recommended for any surface that will be submerged in water;
- Image 740 is for selected internal surfaces;
- Image 740 should only be applied when temperatures are above 10° C and below 35° C;
- Image 740 may not properly cure whilst temperatures are below 10° C;
- Image 740 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.

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

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