



6 Margate Street, Botany NSW 2019
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IMAGE

**Polyurethane
CLEAR
736 SEMI-GLOSS
733 SATIN & 731 FLAT**

DATA SHEET
DS Ref: ISHB210814



Manufactured under a certified quality assured system

Product Description

A range of superior two pack polyurethane clear coatings with excellent levelling properties. Use on interior timber, veneer and MDF substrates. Developed as a self-sealer or over Pylon's PE420, 720 and 730 Clear Sealers.

Principal Uses

- * Kitchen doors and bench tops
- * Shop fittings & joinery
- * Bathroom cabinetry
- * Commercial & domestic furniture
- * Hotel fit-outs and bar tops

Features & Benefits

- * Low VOC & MIR
- * Excellent heat, alcohol & water resistance
- * Refined smooth 'off the gun' finish
- * High solids
- * Durable hardwearing finish
- * Excellent flow & self-levelling
- * User-friendly system
- * Pylon's UV Additive available
- * Available in Bio-Guard anti-microbial system



Solid Content mixed (2 parts A & 1 part B)
48% +/- 2% pending gloss level



Theoretical Coverage

5-6m² @ 150 WFT (wet film thickness)



Packaging

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



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

704 Medium
706 Slow
707 High Humidity
(706 & 707 will increase the gloss level)
Refer to Pylon technical team



Thinning

* Add between 5 – 30% refer to page 2 'Application System Guide'.

Fast Thinners 270
Medium Thinners 275



Drying Times

Dust Free 20 mins
Touch Dry 40 mins
Sanding / Recoat 3-4 hrs
Full Cure 7 days

Tested at 25° C & 60% relative humidity @ 150 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	15 - 25%	1.2 - 1.6mm	30 - 45psi	N/A	N/A
Gravity Pot	15 - 25%	1.2 - 1.6mm	30 - 45psi	N/A	N/A
Pressure Pot	15 - 25%	1.2 - 1.6mm	30 - 45psi	6-10psi	N/A
Straight Airless	5 - 10%	9 – 11 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 system.
- 2) Fill small defects, cracks and holes with a suitable putty; allow sufficient time to dry as per manufacturers specifications.
- 3) **Sanding**
 - a. **Sealed Surfaces:** Sand with the grain using 240 – 320 grit free-cut sandpaper.
 - b. **Timber & Veneers:** Sand with the grain using 180 - 240 grit free-cut sandpaper.
 - c. **Raw MDF:** Sand with 150 then 220 grit free-cut sandpaper.

*** WARNING**

ALL sanding dust must be removed from the grain cells / fibres using an air gun and a lint free cloth.

Application Guidance

- Due to numerous species of timbers and veneers in today's market, we advice that you contact Pylon's technical team for your specific requirements.

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 Clear should be tested on the selected substrate before proceeding;
- Image Clear is not recommended for any surface that will be submerged in water;
- Image Clear is for selected internal surfaces;
- Image Clear should only be applied when temperatures are above 10° C and below 35° C;
- Image Clear may not properly cure whilst temperatures are below 10° C;
- Image Clear 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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