



6 Margate Street, Botany NSW 2019
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METALLIC 760

Polyurethane

BASE COAT

DATA SHEET
DS Ref: MB090515



Manufactured under a certified quality assured system

Product Description

A premium quality two-pack polyurethane metallic base coat for use on melamine board, undercoated MDF and glass substrates. This range has been specifically formulated to achieve a uniformed metallic effect. Developed for use over PE450 and 740 White Undercoat. 760 Metallic Base will require a top coat of Image Clear to protect and complete the system.

Principal Uses

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

Features & Benefits

- * Low VOC & MIR
- * Creates a uniform metallic colour
- * Reduces the chances of motley finish
- * Quick drying



Solid Content mixed (4 parts A & 1 part B)
40%



Theoretical Coverage
5 - 7m² @ 100 WFT (wet film thickness)



Packaging

Part A		1Lt	to	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:- 4 Parts A to 1 Part B
Stir thoroughly and leave to stand for 10 minutes.

* Add appropriate thinner and re stir.

Hardener

704 Medium
Refer to Pylon technical team



Thinning

* Add between 5 – 20% refer to page 2 'Application System Guide'.

Fast	Thinners 270
Medium	Thinners 275
Glass	Thinners 280



Drying Times

Dust Free	10 mins
Recoat	15 – 20 mins

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

Please Note: A top coat of Image Clear will be required to protect & complete the finish. Refer to Image Clear data sheet.



Pot Life
3-4 Hours

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



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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	5 - 15%	1.2 - 1.6mm	30 - 45psi	N/A	N/A
Gravity Pot	5 - 15%	1.2 - 1.6mm	30 - 45psi	N/A	N/A
Pressure Pot	5 - 15%	1.2 - 1.6mm	30 - 45psi	6-10psi	N/A

- 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, glue, dirt and all other contaminants before proceeding and throughout the entire coating process.
- 2) Apply a guide coat to ensure undercoat is free of imperfections.
- 3) **Sanding**
 - a. **Undercoated Surfaces:** 400 – 500 grit free-cut sandpaper.
 - b. **Melamine / White Board:** Sand thoroughly with 320 then 400 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 two even wet coats in a cross-hatch method;
- Allow 5-10 minutes (pending WFT) to dry before applying a coat of Image clear top coat.
- **WARNING:-** Do not sand the Metallic 760 Base Coat before applying Image clear.

Refer to Pylon technical team for your specific requirements



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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;
- Metallic 760 should be tested on the selected substrate before proceeding;
- Metallic 760 is not recommended for any surface that will be submerged in water;
- Metallic 760 is for selected internal surfaces;
- Metallic 760 should only be applied when temperatures are above 10° C and below 35° C;
- Metallic 760 may not properly cure whilst temperatures are below 10° C;
- Metallic 760 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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