



6 Margate Street, Botany NSW 2019  
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# ACE-CAT

## Acid-Catalysed CLEAR SEALER

**DATA SHEET**  
 DS Ref: ISHB210814



Manufactured under a certified quality assured system

### Product Description

Alow formaldehyde, high build acid-catalysed clear sealer for use on interior timber, veneer and MDF substrates. Specifically formulated for use under Pylon's Ace-Cat clear top-coat range.

### Principal Uses

- \* Commercial & domestic furniture
- \* Shop fitting & joinery
- \* Built-in wardrobes
- \* Kitchen doors
- \* Internal doors

### Features & Benefits

- \* Low VOC & MIR
- \* Low formaldehyde formula
- \* Free of hydrocarbon solvents
- \* High solids
- \* Excellent flow & self-levelling
- \* UV Additive available



### Solid Content

51%



### Theoretical Coverage

5 - 6m<sup>2</sup> @ 150 WFT (wet film thickness)



### Packaging

<b>Part A</b>	4Lt	20Lt
<b>Part B</b>	1Lt	25Lt



### Mixing Instructions

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

**Mix by volume:- 20 Parts A to 1 Part B**

Stir thoroughly and leave to stand for 10 minutes.

\* Add appropriate thinner and re stir.

### Hardener

**Ace-Cat Hardener**

50mls per 1Lt of Part A



### Thinning

\* Add between 10 – 40% refer to page 2 'Application System Guide'.

<b>Fast</b>	Thinners C
<b>Medium</b>	Thinners A
<b>Slow</b>	Ace-Cat Thinners



### Drying Times

Dust Free	20-30 mins
Touch Dry	40 - 60 mins
Sanding / Recoat	2 - 4 hrs
Full Cure	7 days

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



### Pot Life

24 – 36 hours



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

	% Thinners	Tip Size	Air Pressure		
			Gun	Pressure Pot	Pump
<b>Suction Pot</b>	25 - 40%	1.8 – 2.0mm	40 - 55psi	N/A	N/A
<b>Gravity Pot</b>	20 - 30%	1.8 – 2.0mm	40 - 55psi	N/A	N/A
<b>Pressure Pot</b>	20 - 30%	1.8 – 2.0mm	40 - 55psi	6-10psi	N/A
<b>Air Assisted Airless</b>	5 - 15%	11 – 13 thou	N / A	N / A	1000 -1500psi
<b>Straight Airless</b>	5 - 10%	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) For raw substrates fill small defects, cracks and holes with a suitable putty; allow sufficient time to dry as per manufacturers specifications.
- 3) **Sanding**
  - a. **Raw Timber & Veneers:** Sand with the grain using 180 - 240 grit free-cut sandpaper.
  - b. **Raw MDF:** Sand with 150 then 220 grit free-cut sandpaper.

### Application Guidance

- Due to numerous species of timbers and veneers in today's market, we advise 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.*

2

**PROUDLY AUSTRALIAN MADE AND OWNED SINCE 1950**



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### Problem Solving

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

*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 & B - 12 months unopened.

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

3

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