



6 Margate Street, Botany NSW 2019
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TOP-SEAL HB

**Pre-Catalysed
 CLEAR
 SANDING SEALER**

DATA SHEET
 DS Ref: TPS230914



Manufactured under a certified quality assured system

Product Description

Top-Seal HB is a high build clear pre-catalysed sanding sealer for use on interior timber, veneer and raw MDF substrates. Specifically formulated for use under Pylon’s pre-catalysed clear top-coat range.

Principal Uses

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

Features & Benefits

- * High build properties
- * Quick drying
- * Excellent flow & self-levelling
- * Ease of application
- * Minimal sanding required



Solid Content

32%



Theoretical Coverage

5 - 6m² @ 180 WFT (wet film thickness)



Packaging

4Lt 20Lt 200Lt



Mixing Instructions

Use a flat blade stirrer and mix thoroughly.

- * Add appropriate thinner and re-mix.



Thinning

- * Add between 5 – 30% refer to page 2 ‘Application System Guide’.

Fast	Thinners C
Medium	Thinners A

Refer to Pylon technical team



Drying Times

Dust Free	10 - 20 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	20 - 30%	1.8 – 2.0mm	30 - 45psi	N/A	N/A
Gravity Pot	20 - 30%	1.8 – 2.0mm	30 - 45psi	N/A	N/A
Pressure Pot	20 - 30%	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	5 - 15%	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.



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Problem Solving

- **Solvent boil;** apply lighter coats, use a slower thinners blend or allow a longer flash off time.

Refer to Pylon technical team if you experience other problems during the application process.

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