



6 Margate Street, Botany NSW 2019
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PU GRAINFILLER

DATA SHEET
 DS Ref: PGF240615



Manufactured under a certified quality assured system

Product Description

A specially developed grain filler for use on open grained timber and veneer, formulated for use under Pylon's Image clear polyurethane range. Used to create a fully choked finish by filling the pores of the substrate in preparation for the finish coats.

Principal Uses

* Open grained timber and veneer substrates

Features & Benefits

- * Excellent grain filling properties
- * High solids
- * Wipe on – wipe off application
- * Available in neutral & a range of timber colours
- * Colour matching available



Solid Content

76%



Theoretical Coverage

8 - 10m²



Packaging

4Lt 20Lt



Mixing Instructions

Use a flat blade or mechanical stirrer and mix thoroughly.

Hardener

Not required but may assist some application systems * *Refer to Pylon technical team*



Thinning

Reduce to suit application.

Thinners 270 or 275

Refer to Pylon technical team



Drying Times

Dust Free	15-20 mins
Touch Dry	40-60 mins
Sanding	1 – 2hrs

Tested at 25° C & 60% relative humidity



Pot Life

N/A



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Equipment Cleaning

MEK or Thinners C

Surface Preparation

1) All surfaces must be clean, dry and free from dust, glue, grease, dirt and all other contaminants before proceeding and throughout the entire coating process.

2) Sanding

Raw Timber & Veneers: Sand with the grain using 180 - 240 grit free-cut sandpaper.

Application Guidance

Step 1; Using a clean hessian cloth apply the PU Grain Filler in a circular motion ensuring that the filler is forced into the grain cells. Work in a limited section that starts and ends with the grain.

Step 2; Use a new clean hessian cloth or a soft lint free cloth to remove the excess material across the grain. This is the most important step as excessive removal / wiping off will reduce the filling properties.

Step 3; Once the filler is consistently wiped off, do one last wipe lightly with the grain.

Step 4; Allow the Poly Grain to dry for approx 1-2 hours, then lightly sand with the grain using 320 – 400 grit free-cut sandpaper.

Step 5; Remove the sand dust using an air gun and / or a lint free cloth and then apply the first sealer coat.

Problem Solving

- Always ensure that the filler is thoroughly agitated before & during application.
- Work in sections that run with the grain.
- Always give the filler a light de-nib to increase the adhesion of the subsequent coats as stipulated in STEP 5;
- Use a colour that is slightly darker tone to the substrate you are applying it to.

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



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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;
- Take care disposing of hessian cloths as they can self combust if these precautions stipulated on page 2 are not followed;
- PU Grainfiller should be tested on the selected substrate before proceeding;
- PU Grainfiller is not recommended for any surface that will be submerged in water;
- PU Grainfiller is for selected internal surfaces;
- PU Grainfiller should only be applied when temperatures are above 10° C & below 35° C;
- PU Grainfiller may not cure properly whilst temperatures are below 10° C;
- PU Grainfiller 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.