



SEPTEMBER 2008

839 WOOD PRIMER

Air Dry Alkyd Primer



Product Data

This product is a high quality alkyd based primer, having good drying and excellent adhesion to timber.

Uses

Over timber or existing paint, before over coating with enamel.

Spray apply 55-85µm WFT / 25-40µm DFT. Overcoat 1-8 hrs (no sanding), overnight (sand 360).

Overcoat with 295, 600.

Colour Availability

09445 White
61260 Beige
63403 Off White
86708 Grey
87420 Pink
87411 BS5252 10B17

Packaging

Available 1L, 4L, 200L

Substrates

Timber

Total Solids Content

77.9% (wt), 56.3% (vol)

Surface Preparation

Timber, existing paint - sand and dust down.

Thinning and Clean Up

Thin 15-20% with 254 Enamel Reducer MF or 475 Enamel Reducer ML.

Clean gun and equipment with 254 or 475 Reducers.

Application

Spray – two or three medium coats may be applied within 10-15 minutes of each other, then allowed to dry thoroughly.

Brush – unthinned, small areas only.

Drying

Touch Dry – 30-40 minutes

Sandable – 4 hours

Hard Dry - Overnight

Theoretical Coverage

Approximately 22.3 sq. m/litre @ 25µm DFT.

Practical coverage rates will be lower than theoretical and this must be taken into consideration when calculating costs.

Dry to Block Stacking

Breaking down of fillet should only be done when the primer is hard dry. Temperature and air movement through the stack will affect the time to hard dry. Minimum time is 24 hours but 3-5 days is usual depending on drying conditions.

Finishing Coats

The following procedure is recommended for finishing LOSP and Untreated Pine substrate that has been factory primed with PPG solvent based Wood Primers.

1. Exterior Applications (above ground):

- Ensure the primed timber is free from any dirt, oil or grease or other surface contaminants.
- Sand any primer defects. If the pre-primed timber has been exposed to the weather for more than 2 months it is advisable to lightly sand and remove any chalking from the timber surface.
- If the pre-primed substrate is showing any cracking or loss of adhesion then sand back to bare timber removing all damaged primer. Fill any cracks or holes with a suitable wood filler and once dried lightly sand to a smooth finish.
- Prime all filled areas and bare timber using a reputable brand Wood primer. Allow to dry according to the supplier recommendations.
- When using water based acrylic topcoat, apply two coats of a Premium brand Acrylic topcoat as per label directions.
- When using an oil based topcoat, for optimum performance, firstly apply a good quality undercoat followed by two coats of a Premium brand alkyd topcoat as per label directions.

2. Interior Applications (not exposed to outside weathering)

- Ensure the primed timber is free from any dirt, oil or grease or other surface contaminants.
- Sand any primer defects. If the pre-primed timber has been exposed to the weather for more than 2 months it is advisable to lightly sand and remove any chalking from the timber surface.
- If the pre-primed substrate is showing any cracking or loss of adhesion then sand back to bare timber removing all damaged primer. Fill any cracks or holes with a suitable wood filler and once dried lightly sand to a smooth finish.
- Prime all filled areas and bare timber using a reputable brand Wood primer. Allow to dry according to the supplier recommendations.
- Apply 1 or 2 coats of either a reputable brand oil based alkyd topcoat or water based acrylic topcoat as per label directions.

Safety Precautions

Read each component's material safety data sheet before use. Mixed material has hazards of each component. Safety precautions must be strictly followed during storage, handling and use.

Health & Safety

Avoid breathing vapour. Use with adequate ventilation. High concentrations of vapour may cause headache or nausea, affect the nervous system and respiration.

Do not use in the presence of naked flame or other sources of ignition. Store away from heat.

Wear safety glasses/goggles, an air supplied respirator or hood and PVC or nitrile chemical handling gloves.

If spraying in a confined area, a positive pressure air respirator should be worn.

Store/dispose of residues in accordance with local body regulations.

First Aid

If poisoning occurs, contact a doctor. The Poisons Information Centre may be of assistance - telephone 0800 POISON (NZ), 13-11-26 (Australia).

If swallowed, do NOT induce vomiting. Give a glass of water to drink and get medical attention urgently. If affected by vapour, get into fresh air immediately. If splashed into the eyes, flush them with copious quantities of clean water for 15 minutes and get urgent medical attention.

If splashed onto skin, wash with soap and water.

For further information, refer to the Material Safety Data Sheet for this product.

CAUTION:

Improper use and handling of this product can be hazardous to health.

Do not use this product without first taking all appropriate safety measures to prevent property damage and injuries. These measures may include, without limitation: implementation of proper ventilation, use of proper lamps, wearing of proper protective clothing and masks, tenting and proper separation of application areas. Consult your supervisor. Proper ventilation and protective measures must be provided during application and drying to keep spray mists and vapour concentrations within safe limits and to protect against toxic hazards. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interiors and buildings.

This product is to be used by those knowledgeable about proper application methods. PPG Industries makes no recommendation about the types of safety measure that may need to be adopted because these depend on application environment and space, of which PPG Industries is unaware and over which it has no control.

If you do not fully understand these warnings and instructions or if you cannot strictly comply with them, do not use the product.

Technical information given verbally or in writing is based on knowledge and research, given in good faith and believed to be reliable, but no guarantee of accuracy is made or implied. Since methods and conditions of use are beyond our control, all merchandise is sold and received subject to the condition that our liability whether express or implied for any defect in quality, or for any lack of fitness for the specified use thereof, is limited to the return of the purchase price if written claim is made within 14 days from date of delivery. It is recommended that the user makes his or her own tests to determine the suitability of the product for his own requirements. Freedom from patent restrictions is not implied.