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495 AMERBUILD

Polyester Polyurethane Sealer

Product Data

495 Amerbuild is a high quality, two pack polyester polyurethane sealer, specifically designed for use under PPG Industries' polyurethane wood finishes.

- Rapid curing and easy sanding
- Ideal build coat over open grain veneers
- Crystal-clear finish – no loss in clarity, even at high film builds
- Maximum grain-enhancement effect
- Suitable for use under PPG pre-cat & acid-cat finishes

Uses

As a polyurethane sealer for high quality furniture, toys, shop fittings, doors, cabinets, desks, panelling, partitions and most interior woodwork.

Spray apply 70-105µm WFT / 20-30µm DFT.

Overcoat overnight (sand 360), with 2K Polyurethane Clear.

Packaging

Available 1L, 4L, 20L

Substrates and Surface Preparation

Wood – Sand and dust down.

MDF – Sand faces with 150 grit, edges with 120 grit followed by 180 grit in the opposite direction.

Mixing Ratio

Mix 2L 495A with 1L 495B Hardener OR

Mix 2L 495A with 1L 573B Hardener (see opposite)

Drying

Rapid drying, but allow to dry overnight, and sand to ensure optimum holdout of topcoat.

May be lightly sanded after 4hours to allow same day application of build coats

Thinning and Clean Up

Recommend first coat be thinned 20-30% with 140 Reducer. Subsequent coats don't require thinning.

Clean gun and equipment with 140 Reducer or 104 Reducer.

Application

Spray – conventional, pressure pot

Do NOT apply by hot spray.

When using to fill open grain timbers, apply multiple coats. Allow flash-off between coats, and apply wet on wet.

If sanding between coats, and before applying topcoat, ensure sanding is carried out within 48 hours of application.

Pot Life

Once catalysed, pot life is 5 hours

Theoretical Coverage

Approximately 11sq. m/litre @ 25µm DFT (catalysed).

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

Hardener Selection Guide

Hardener Code	Use When	Do Not Use
495B (fast)	Sealing and grain-filling on light coloured solid timbers and veneers	For sealing coat on dark timbers and veneers.
	Grain filling on all timber substrates after initial sealing completed	In first coat with excessively oily timber species.
573B (slow)	Sealing dark solid timbers and veneers	Subsequent coats when grain filling heavy grained species
	As the first coat for sealing excessively oily timber species	When multiple coats are required in quick succession, when sanding is required the same day.

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.

This product is for professional use only. Not for residential use.

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.

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