



573 AMERTHANE

JULY 2015

High Gloss 2K Polyurethane

Product Data

A high gloss two pack polyurethane, with the following features:

- Very fast drying
- User-friendly application
- Excellent wet and dry heat resistance
- Very good mar resistance
- Excellent chemical / solvent resistance
- Excellent abrasion resistance
- Excellent overnight block resistance
- Excellent levelling and D.O.I.

Uses

573 Amerthane is a high quality finish for furniture, toys, shop fittings, doors, cabinets, desks, panelling, partitions and most interior woodwork.

Ideal for use in bathroom and kitchen areas. Also suitable for general purpose exterior applications. Note: 579 Caprithane should be used for severe conditions or marine exposure.

Colour Availability

Tinted, full gloss colours.

Mixing ratio

1:1 with 573B (by volume)

2:1 with 573C

Packaging

573A – 1L, 4L, 10L

573B – 1L, 4L

573C – 1L

Substrates & Surface Preparation

Wood – sand and dust down. Prime

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

Pot Life

Once catalysed, pot life is 4 hours @ 20degC.

Thinning and Clean Up

Once catalysed with 573B, thin as follows:

Add up to 10% 140, 539R or 920-87986 (warm conditions)

Once catalysed with 573C, thin as follows:

Thin 20% 140 plus up to 20% additional 140, 539R or 920-87986 (warm conditions)

Clean gun and equipment with 140.

Application

Spray – conventional.

This product should be layered up at approximately 50 microns WFT per application until required WFT is achieved.

Best results are obtained over a 2 pack polyurethane primer / sealer. Do NOT use over N/C primer / sealer.

Drying

Dust free: 20 mins

Touch dry: 90 mins

Dry to tape: 8 hours

Hard dry: 16-24 hours

Recoat time: Wet on wet – under 2 hours, or after 24 hours – with sanding (sand until flat, with 400-600 grit).

Theoretical Coverage

Approximately 7.6 sq. m/litre @ 50µm DFT (White).

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

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.



573 AMERTHANE

Substrate Systems

Preparation

Wood – Sand and dust down

MDF – Sand and dust down

Original 2K Urethane – Sand and degrease

Substrate / Recommended System	WFT / DFT (Microns)	Overcoat Time @ 20 Degrees C	Overcoat Preparation
WOOD / MDF (Pigmented Finish)			
1 st coat 570 2k PU Primer	75-180 / 30-75	16-24 hours	Sand 360
OR 799 Amerthane Board Primer	75-180 / 30-75	16-24 hours	Sand 360
2 nd coat 573A Colours	130-155 / 50-60		

WFT = Wet Film Thickness

DFT = Dry Film Thickness

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.

PPG Industries NZ Ltd • 5 Monahan Road • Mt Wellington • Auckland • Phone 0800-263 766 • Fax 0800-659 377
PPG Industries Australia Ltd • McNaughton Rd • Clayton • VIC 3169 • Phone 1300 305 699 • Fax 1300 304 214