



259 WB WOOD LACQUER

JULY 2015

Waterborne Clear Lacquer

Product Data

A single pack, sprayable, waterborne, fast drying acrylic lacquer at different gloss levels.

- Environmentally friendly
- Fast drying
- Smooth and silky feel
- Water white
- Resistant to weather and scratching
- Excellent sanding after a few hours
- Good build and clarity
- Similar resistance properties to pre-cat lacquer
- Ideally suited for spraying and drying during hot weather

Uses

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

Do not recoat with nitrocellulose lacquer. Not recommended for tables / bar tops, where surface becomes frequently wet – recommend polyurethane system.

This finish should not be used in areas exposed to extreme conditions of temperature, moisture or abrasion as frequently met in kitchens or bathrooms.

With low temperatures, heavy coatings often cannot be applied on vertical surfaces without sagging and runs.

High humidity conditions may require the use of drying rooms / force drying.

Colour Availability

Clear G30. Other gloss levels by request

Packaging

Available 20L

Substrates

Wood

Total Solids Content

24% (wt), 20% (vol)

VOC = 96.5 g/L

Surface Preparation

Wood – sand and dust down.

Thinning and Clean Up

No thinning required.

Clean gun and equipment with water.

Application

Spray – conventional, airless or pressure pot

Spray a single, double-header coat for sealer coat and 1-2 double-header coats for subsequent coats.

Open grained timbers may require an additional coat.

Drying

Times vary, depending on thickness, temperature and humidity. Recommend >21degC and <60% R.H for optimal drying.

Approximate dry times at 25 deg C:

Dust free: 10 mins

Print free: 15 mins

Sanding: 1 hour

Hard dry: 16 hours. Can be force dried 45-55 deg C for 15-20 minutes.

Recoating time: 1 hour minimum

Theoretical Coverage

Approximately 4.1 sq. m/litre @ 50µm DFT

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

Substrate Systems

Preparation

Wood – Sand and dust down

Substrate / Recommended System	WFT / DFT (Microns)	Overcoat Time @ 20 Degrees C	Overcoat Preparation
WOOD (Natural Finish, Unstained) 1 ST coat 259 2 nd coat 259	135-150 / 27-30 135-150 / 27-30	Overnight	Sand 320

WFT = Wet Film Thickness

DFT – Dry Film Thickness

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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