

Wellcoat Paints

Painting Solution



Wellcoat Paints
Wood Coatings
Product Data Sheet

MAXIWOOD PU GLOSS (2 pack)

A quick drying two pack polyurethane super gloss enamel for application over wood & wood substitute with excellent gloss & finish. Presence of UV inhibitor & combination biocide makes the product resistant to photolytic degradation & microorganism growth. This is a higher solid formulation hence a single coat application over sealer is adequate for low grain profile substrate. On full cure the product forms a very hard & flexible film with outstanding light fastness, chemical resistance & mechanical properties including marr /scratch resistance guarantying a long term protection of wood.

PRODUCT

- Quicker drying & superior block resistance hence increased production output.
- Suitable over any wood or wood substitute e.g Veneer, MDF & other absorbent wood surfaces with equal efficiency
- Excellent weather ability, Chemical (water,oil,dirt,grease,ink,mild acid & alkali) & Mechanical resistance (DIN 68861-1B).
- Can be used as exterior coating over medium to dark colored wood.
- Wet on wet application is possible.

FEATURES

- Combination of Aliphatic & Aromatic isocyanate hardener
- UV inhibitor
- Combination biocide for protection of substrate against white ant, bluestain,tarmite & other micro organisms.
- Oil modified polyester
- Catalyst to accelerate / decelerate drying time

COMPOSITION

- Suitable for interior use but can be used externally over medium to dark colored wood.
- Most suitable for Wood or Wood substitutes like Fibre board,Veneer etc. Particularly suitable for wood furniture, doors, windows & frames. The product can be applied over metal substrate also with good performance.

RECOMMENDED USE

Conventional spray, automatic sprinkler are most recommended method of application.

Brush application is suggested only if application area is small. Fast drying nature of this product would cause brush drag & imperfect finish if applied by brush over large surface area. Ensure wood is dry, clean, free from grease & other organic contaminants, well sanded & dusted. Soak the surface with PU thinner with the help of sponge or rag for 10 minutes before application (Very useful on hard wood surface).

Apply two coats of Maxi wood PU sanding sealer with a gap of max 10 minutes between the coats.

This is a two part product. Mix Base, Hardener & Thinner (if required) as per ratio mentioned in the can. Mix thoroughly & wait for 10 minutes before application for effervescence to subside. Allow to dry & thoroughly sand the surface after 20 minutes, dust off & clean the surface. Apply two coats of PU gloss enamel with an interval 5-8 minutes. Ensure adequate ventilation during mixing ,application and drying. Do not apply when humidity exceeds 95% and condensation is likely. Only apply coating when surface temperature is 3°C or more above dew point.

May require additional 5-7% thinner depending on ambient temperature & method of application.

SURFACE PREPARATION & APPLICATION

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Finish	: Smooth with excellent flow & surface characteristics.
Gloss	: 84-86% at 20 degree & 95-97% at 60%
NVM%	: 45-47
Viscosity	: 50-55 secB4/30°C
Mixing ratio Base	: Hardener = 2 :1 (vol)
Thinner/ Tool cleaner	: WT -3
Pot life	: 3 hrs at 30° deg c
Coverage	: Approx 12 m ² /lt by brush & 8.5 m ² /lt by spray (theoretical) at 40 microns DFT.
Practical coverage	: would depend on the surface profile, application skill & method, loss in the container.
Drying time	: Surface dry 15 minutes Hard dry over night
Pack size	: 1 USG & 5 USG

SPECIFICATION & OTHER INFORMATION

Storage & Disposal : Store in cool, dry condition. & dispose by controlled land fill as per requirement of statutory authority. Don't empty into drains, sewers or other water courses.

Avoid part use from the Hardener pack & never keep the lid of hardener pack open.

Flash Point : 22° C

Shelf Life : Upto 12 months closed condition.

STORAGE & HANDLING

- Contains isocyanates. Avoid contact with the skin and eyes. Wear suitable protective clothings such as overalls, goggles, dust mask and gloves. Use a barrier cream.
- Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapour or spray.
- This product is flammable. Keep away from sources of ignition. Take precautionary measures against static discharge. In case of fire, blanket flames with foam, carbon-dioxide or dry chemicals.
- Eyes & Skin : In the event of accidental splashes, flush eyes with warm water & wash skin with mild soap and seek quick medical advice. Never use solvent for cleaning the affected areas.
- Inhalation & Ingestion : Remove to fresh air, loosen collar. Don't induce vomiting.
- Refer MSDS for details.

SAFETY PRECAUTION & FIRST AID

The Product information sheet is meant for general information of the product. Optimal performance by the product would be achieved on correct selection of paint & painting system , proper surface preparation & application. Unless specifically agreed in writing by us we won't be responsible for 100% performance of the product. Product information sheet would be subject to modification as & when product is modified/improved. Our endeavor would be to keep you abreast of change.

DISCLAIMER