

Wellcoat Paints

Painting Solution



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Wood Coatings
Product Data Sheet

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MAXIWOOD PU SANDING SEALER (2 pack)

A quick drying two pack polyurethane sanding sealer for application over wood & wood substitute with excellent sealing & sanding property. The product has high penetrating power & superior filling property enabling it to perform as filler cum sealer. Presence of combination biocides in the formula resist termite & fungus growth. Single coat application is adequate for low grain profile substrate. On full cure the product forms a tough flexible film with outstanding chemical resistance & mechanical properties & can withstand dimensional variation of wood due to moisture ingress. When used in combination with Maxiwood PU Gloss, Silk-matt/Matt top coat the system gives a very rich finish with excellent resistance properties.

PRODUCT

Quick drying & superior sanding property.
Suitable over any wood, wood substitute & absorbent wood surface
Applicable by Brush, Spray, Automatic sprinkler.
Good filling & wet on wet application property
Excellent Chemical (water, oil, dirt, grease, ink, mild acid & alkali) & Mechanical resistance (DIN 68861-1B)

FEATURES

Combination of Aliphatic & Aromatic isocyanate hardener
UV inhibitor
Combination biocides for protection against white ant, bluestain, termite & other micro organisms.
Oil modified polyester
Catalyst to accelerate or retard drying time

COMPOSITION

Area of use More suitable for interior use but can be used externally over medium to dark colored wood.
Particularly suitable for furniture, doors & windows frames.
Substrates Hard & soft wood, Veneer, Fiberboards etc.

RECOMMENDED USE

Brush application is suggested only if application area is small. Fast drying nature of this product would cause brush drag & imperfect finish if applied over large surface area. Conventional spray, automatic sprinkler are most recommended method of application.
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 5-7 minutes before application for effervescence to subside. 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

MAXIWOOD PU SANDING SEALER (2 pack)

Finish : Matt & Smooth
NVM % : 43-45
Viscosity : 80-90 sec B4/30°C
Mixing ratio : Base : Hardener = 2:1 (vol)
Thinner/ Tool cleaner : WT-3
Pot life : 3 hrs at 30 deg c
Coverage : Approx 11 m²/lt by brush & 8 m²/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 within 10 minutes
Sanding time : 20 minutes
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 in 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. Do not smoke. Take precautionary measures against static discharge. In case of fire, blanket flames with foam, carbon-dioxide or dry chemicals. 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 to 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