

Wellcoat Paints

Painting Solution



Wellcoat Paints
Wood Coatings
Product Data Sheet

MAXIWOOD PU PRIMER SURFACER (2 PACK)

A two pack polyurethane quick drying primer cum surfacer with excellent filling & sanding properties for application on wood (hard & soft) & wood substitutes like particle board, veneer, plywood etc. The formulation contains mixed isocyanate hardeners, anticorrosive pigments, inert & smooth sanding extenders. Excellent surface smoothness of the product enables it's use as non sanding primer surfacer (only light sanding is enough if required). When used in combination with Maxiwood PU enamel (2 pack) the product gives an extremely rich finish. . Presence of plasticizer in the formulation of Maxiwood PU primer surfacer (2pack) make the product flexible enough to withstand wood's dimensional variation thus enhancing adhesion. The product is versatile & can be used on metal surface also.

PRODUCT

Quick drying with excellent sanding property
Applicable over wood & metal substrate
Flexible & Anticorrosive film
Simple application (Small surface can be applied by brush)
Good filling characteristics. One full single coat is enough

FEATURES

Isocyanate hardener
Anticorrosive pigment
Oil modified polyester
Catalyst

COMPOSITION

Wood (Hard & soft), Veneer, Plywood, Particle board, Metal for interior & exterior.
Could be used as primer for 2K Auto refinish system.

RECOMMENDED USE

The product is best applied by conventional spray followed by airless spray. Possible by brush over a small area.
This is a two part product (Base & Hardener). Mix Base, Hardener as per ratio mentioned in the can. Stirr thoroughly & wait for 5-7 minutes for effervescence to subside before application.
Ensure wood is dry, clean & free from contaminants. Sand the surface with a coarse (P 180) followed by fine sand paper (P 400) along the direction of grains. Dust off the surface & apply a coat of Maxiwood PU primer surfacer. Allow it to dry & apply Maxiwood PU enamel after light sanding. May require 5-7% thinner for application viscosity adjustment. Use Wellcoat PU thinner (WT-3).
Ensure adequate ventilation during mixing, application & drying. Don't apply when humidity exceeds 95% & condensation is likely. Only apply when surface temperature is 3°C or more above dew point.

SURFACE PREPARATION & APPLICATION

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Finish	: Smooth with slight sheen
Color	: Light grey & White
NVM%	: 62-64
Gloss at 60 degree	: 15-20%
Supply viscosity	: 100-110 sec B4/30°C
Thinner	: WT-3
Thinning Ratio (vol)	: 2:1 (vol)
Method of application	: Conventional spray , Airless spray, Brush (over a small area)
Theoretical coverage	: 8-10 m ² /lt at 30 micron DFT
Practical coverage	: would depend on the surface profile, application skill & method, loss in the container.
Drying time (30°C)	: Surface dry 15 minutes
	: Sandable dry Max 45 minutes
	: Hard dry 3-4 hrs
Pack size	: 1USG,5USG

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