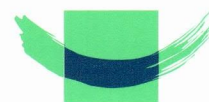


Wellcoat Paints

Painting Solution



Wellcoat Paints
Wood Coatings
Product Data Sheet

MAXIWOOD QD EXTERIOR POLYURETHANE (ANTI SCRATCH)

Finish	: Smooth with excellent flow & mar resistance
Gloss at 60°	: Available in high gloss, silk-matt & matt
Solid %	: 40-45%
Supply viscosity	: 45-50 sec B4/30 deg C
Mixing ratio	: Base : Hardener = 2 : 1 (vol)
Thinner / Tool Cleaner:	WT-3
Method of application:	Conventional spray , Roller & Brush
Pot life	: 10 hrs at 25 deg C
Recoating interval	: One & half hours
Theoretical coverage	: Approx 8m ² /lt at 50 microns DFT
Practical coverage	: would depend on the surface, application method.
Drying time	: Surface dry 20 minutes Hard dry & Stackable dry over night
Chemical resistance (DIN 68861-1B):	
Water resistance - O.K.	Alcohol resistance - O.K. Coffee resistance - O.K.
Ink - Ok	Acetone - O.K.
Mechanical resistance (ASTM 3363-92G & D4060-90) :	
Pencil hardness - 2H	Adhesion - O.K. Abrasion resistance - 10/15 gm

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.
- 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.

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

DISCLAIMER

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MAXIWOOD QD EXTERIOR POLYURETHANE (ANTI SCRATCH)

Maxiwood QD exterior polyurethane (antiscratch) is an exterior quality long life polyurethane lacquer based on acrylic base, aliphatic isocyanate hardener & CAB. The product is designed for use on wooden floor made with hard wood but can be used on other surfaces where high degree of scratch / mechanical & chemical resistance are required. The product has beautiful surface quality & is highly resistant to aggressive physical & chemical environments.

PRODUCT

- 1) Easy to care & very long life without yellowing & chalking
- 2) Suitable over any wood or wood substitute e.g Veneer, MDF & other absorbent wood surfaces with equal efficiency
- 3) Applicable by Brush, Conventional & Automatic spray.
- 4) Physical & Chemical resistance in conformity with DIN 68861-1B & ASTM 4060-90.
- 5) Exterior coating useable over light, medium & dark colored wood.
- 6) Available in various sheen level
- 7) Resistant to termite & other micro organism.
- 8) Scratch resistant & flexible enough to with-stand wood's dimensional variation.
- 9) Most ideal as wooden floor coating for use over parquet tiles.
- 10) Hard surface & easy damage repair.

FEATURES

Solution acrylic, Aliphatic isocyanate Anti scratch additive
UV inhibitor, Combination biocides & CAB
Catalyst to accelerate / decelerate drying time
Moisture scavenger

COMPOSITION

Hard, Soft woods, Fibre board, Veneer etc. Designed specifically for exterior use but can be used for interior purpose with equal efficiency. Most suitable as wooden floor coating requiring high performance demand.

RECOMMENDED USE

Conventional & Automatic spray e.g Shefla applicators are most recommended method but can be applied by Brush & Roller over a small 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. Very useful on hard wood surface. Appl two coats of Maxi wood PU sanding sealer (code) 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 seven minutes before application for effervescence to subside.) Allow to dry & thoroughly sand the surface after 20 minutes, dust off & clean the surface. Apply one & half coats of Maxiwood QD exterior polyurethane (code) exterior 30-45 minutes. Ensure adequate ventilation during mixing, application and drying. Do not 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.

In case of pigmented system apply PU primer surfacer followed by top coat as above.

SURFACE PREPARATION & APPLICATION