

WoodCoat

PU WOOD FINISH
for EXTERIORS

A two component aliphatic polyurethane,
transparent finish for wood.

PRODUCT FEATURES

PRODUCTS COVERED

WOODCOAT HIGH SOLIDS SEALER CLEAR
WOODCOAT EXTERIOR GLOSSY CLEAR
WOODCOAT EXTERIOR SILKY MATT CLEAR
WOODCOAT EXTERIOR TOTAL MATT CLEAR

DRYING TIME



TOUCH DRY 45 MINS (ALL)
TACK FREE 2 HRS (GLOSSY / SILKY MATT / TOTAL MATT)
TACK FREE 3 HRS (HIGH SOLIDS SEALER CLEAR)
HARD DRY 8 HOURS (GLOSSY / SILKY MATT / TOTAL MATT)
HARD DRY 12 HRS (HIGH SOLIDS SEALER CLEAR)

FINISH

✓ GLOSSY / SILKY MATT /
TOTAL MATT

AVAILABLE PACKS

1L, 4L, 20L

COVERAGE

75-80 sq.ft / coat / ltr @ 35 microns / coat

* Coverage varies depends on the method
of application and absorption of the
substrate and its condition

HOW TO APPLY

SURFACE PREPARATION AND APPLICATION PROCESS

- The raw wooden surface to be coated should be clean, dry, free from moisture, dampness and other contamination
- Sand the surface using Sandpaper #80, followed by grit sizes 120, 150, 180 and Sandpaper #220. This stepwise approach leads to a very smooth surface. Always sand in the direction of the wood grain
- The stepwise process is applicable only for hardwood. Start with Sandpaper #220 for veneer ply surfaces
- Apply 2 to 3 coats of WoodCoat High Solids Sealer Clear with an interval of 8 hours between the subsequent coats. Sanding should be done prior to the application of each coat
- Sandpaper #220 can be used for the first coat and Sandpaper #400 can be used for the second and third coats
- The number of coats of sealer required varies from 2 to 3 depending on the absorption of wood
- Apply 2 coats of WoodCoat Exterior Glossy Clear/ Silky Matt Clear/ Total Matt Clear with an interval of 8 hours between each coat. Sand the first coat with Sandpaper #600
- WoodStains Exterior shades can be used to enhance the colour of the wood grain. The available shades can be used over either the first coat or the second coat of Sealer Clear. Sanding of the applied shade is not permitted
- Apart from the WoodStains Exterior shades, all the other WoodStains shades should not be used as they are meant only for the interiors

PRECAUTIONS

- The substrate to be coated should be free from excess moisture (> 10%) as it directly relates to premature paint failure
- The product should be applied at temperatures falling between 25 °C to 40 °C for optimum performance. Humidity above 75 % is also not favourable
- The base and the hardener containers should be closed immediately after partial use. The lids should be tightly held as the contents are very sensitive to moisture
- The product should be used only on WoodCoat High Solids Sealer Clear. Involvement of any other sealer like NC, Melamine etc., should be strictly avoided as the overall system will not perform to its requirement
- The quality of the finish is influenced by the thinner used for dilution. Thinner for finish should only be used to prevent surface defects that arise due to solvent imbalance in the system
- Use protective equipments like gloves, mask and safety goggles while handling the product
- The product should be stored in a dry, cool and well ventilated place. Keep away from heating equipments, sparks and open flame
- For more details on safety, refer the MSDS of the product

RESTRICTION OF HAZARDOUS SUBSTANCES

Lead is not involved at any stage of the manufacturing of the product. Lead content in the film does not exceed 90 parts per million

SHELF LIFE

One year from the month of manufacturing for an unopened original container.

MRF
Vapocure
Paints



PRODUCT BENEFITS

Advantages

- ☒ Stain resistant
- ☒ Scratch resistant
- ☒ All weather resistance
- ☒ UV resistance

Where to use

Designed for use on a
variety of exterior wooden
surfaces like Rails, Fences,
Outdoor Furniture
Garden Furniture, Wall
Paneling, Decks, Docks etc.

TECHNICAL INFO

Mix the base thoroughly prior to
mixing with the hardener. Avoid
applying in direct sunlight or
when the humidity is very high.

Mixing ratio	- 3 : 1 (Glossy Clear)
	4 : 1 (HSS Clear)
	6 : 1 (Total Matt)
	4 : 1 (Silky Matt)
Pot life @ 30°C	- 4 hours
Recommended Thinner	- Thinner for Finish
Thinner Intake	- 15 – 20 % (HSSC)
	30 – 35 % (Glossy)
	40 – 45 % (Total Matt)
	25 – 30 % (Silky Matt)
Application	- Conventional Spray
Nozzle orifice	- 0.059 inch
Air Pressure	- 35 – 45 psi