AQUACOAT PU 2K

A water based clear for Exteriors

A two component Water Based transparent finishes involving an aqueous external cross linking polymer dispersion and polyfunctional isocyanates.

MRF Vapocure Paints



PRODUCT FEATURES

PRODUCTS COVERED

AQUACOAT PU 2K SEALER CLEAR

AQUACOAT PU 2K GLOSSY CLEAR

AQUACOAT PU 2K MATT CLEAR

AQUACOAT PU 2K FLOORCOAT CLEAR

AQUACOAT PU 2K ANTI-SKID

FLOORCOAT CLEAR

DRYING TIME

TOUCH DRY 30 MINUTES

TACK FREE 2 HOURS

HARD DRY 72 HOURS (MINIMUM)

FINISH

- GLOSSY / MATT

AVAILABLE PACKS

1L

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

PRODUCT BENEFITS

Advantages

- All Weather Resistance
- UV Resistance
- PU Promise
- Low VOC
- Environment-Friendly

Where to use

Designed for variety of Exterior furniture, wall paneling etc.

HOW TO APPLY

SURFACE PREPARATION AND APPLICATION PROCESS

- The raw wooden surface to be coated should be clean, dry and 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

CLOSED PORE FINISHES

- Apply 2 to 3 coats of Aquacoat PU 2K Sealer Clear with an interval of 8 hrs between the subsequent coats
- 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 Aquacoat PU 2K Glossy Clear / Matt Clear / Floorcoat Clear / Anti-skid Floorcoat Clear Withan interval of 8 hrs between each coat. Sand the first coat with Sandpaper #600

OPEN PORE FINISHES

- Apply 3 to 4 coats of Aquacoat PU 2K Glossy Clear / Matt Clear / Floorcoat / Anti-skid Floorcoat clear directly on raw wood with an interval of 8 hrs between each coat. Sanding should be done prior to the application of each coat with sandpaper #400 for the first coat and sandpaper #600 for the subsequent coats

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 18 °C to 45 °C for optimum performance. Humidity above 75 % is also not favourable
- Do not shake the base and hardener containers prior to mixing. The base should be thoroughly mixed using a glass rod or a stainless steel rod before addition of hardener
- The base and the hardener containers should be closed immediately after partial use. The lids of the hardener containers should be tightly held as the contents are very sensitive to moisture
- The finish is influenced by the quality of water used for dilution. De-mineralised water should only be used to prevent surface defects that arise due to the impurities in water
- 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
- For more details on safety, refer the MSDS of the product

TECHNICAL INFO

Mix the base thoroughly with the hardener using a glass rod or a stainless steel rod, prior to the addition of De- mineralised water. Avoid applying in direct sunlight or when the humidity is very high.

Mixing ratio	- 4 : 1 (by volume)	
Pot life @ 30° C	- 1 hour	
Recommended Thinner	- De – mineralised water	
Thinner Intake	- 25 – 30 % (for Spray), 20 – 25 % (for Brush)	(sealer clear, Glossy clear, Matt clear, floor coat)
	- 25 - 30% (for Brush)	(Anti-skid Floor coat)
Application	- Conventional Spray/Brush	
Nozzle orifice	- 0.059 inch	
Air Pressure	- 35 – 45 psi	

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

For queries, contact Customer Care Manager at MRF CORP LIMITED Regd. Office: Tarapore Towers, V Floor, 826, Anna Salai, Chennai - 600002. Phone: (044) 2852 1033 / Email: contact@mrfpaint.com