

ShieldCoat™ 2K WATER BASED PU

Description

ShieldCoat™ 2K WATER BASED PU is a two component water based Aliphatic Polyurethane Coating designed specifically for wood, ply etc. It is suitable for wide range of interior and exterior wood work applications.

Technical Specifications

Finish	Clear (Matt & Glossy), White and other shades.
Appearance	White Translucent Liquid
Film appearance	Hard, flexible, smooth and uniform
Dry film thickness	60 microns approx. for two coats
Coverage per Litre	30 to 35 sq.ft. on smooth surface /2 coats
Specific gravity (Kg/L)	1.162
Dilution	5-10% with Portable water
Drying time	Surface dry : 60 minutes
Hard Dry	6 to 8 hours
Overnight hardness	Excellent
Pot Life	4 hours at room temperature
UV resistance	Excellent
Anti-graffiti properties	Excellent
Alcohol rub test	Excellent
Antifungal properties	Excellent
pH	7.0 < Ph < 10.0 (Alkaline)

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Salient Features

- Fast Drying and dust free time
- Easy Mixing and ease of application
- Good resistance to chemicals
- Eco Friendly
- Safe for interior and exterior application
- Excellent flexibility and other mechanical properties
- Solvent resistant
- Easy to clean
- Excellent weather and alkali resistance
- Antifungal and strong against stains
- Non yellowing
- 200% elongation
- Gloss Retention
- Scratch Resistance
- Stain Resistance

Handling and Storage

Handling

Avoid breathing the vapors or spray mist. Avoid contact with eyes. Avoid repeated or prolonged contact with the skin. Use anticorrosive equipment.

Storage

Store in a cool, dry and well ventilated area. Keep away from freezing, high heat and sources of ignition.

Packaging

1 Litre, 5 Litre and 10 Litre

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Safety Precautions

- Always keep it out of reach of children
- Ensure good ventilation during application and drying.
- If case of accidental Eye contact, immediately flush with lukewarm water for at least 15 minutes., holding eyelids opened.
- If accidental contact with skin occurs, wash the skin thoroughly with plenty of lukewarm water using a mild and non-abrasive soap.
- Harmful if swallowed. Seek medical attention and do not induce vomiting.

Disclaimer

The recommendations contained herein are given in all good faith and are meant to guide the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control