



Protecto-Woodgard

Water Based PU Wood Polish



Protecto-Woodgard is a revolutionary, eco-friendly Polyurethane based wood polish made with water based technology which provides 100% wood protection. It is brought to you by IPMC, Pune, the pioneers in manufacturing of polyurethane coatings since more than 25 years. It gives the wooden surface a superb, rich finish that will last for years and years. Protecto-Woodgard is available in glossy as well as matt finish.

► Why use Protecto-Woodgard instead of Melamine polish?

- **WATER BASED:** Unlike solvent based melamine wood polishes, Protecto-Woodgard is water based thereby eliminating any irritating and hazardous solvent fumes during application. Both the applicator and the customer do not have to face any obnoxious smells and health hazards when Protecto-Woodgard is applied.
- **OUTSTANDING UV & WEATHER RESISTANCE:** Protecto-Woodgard is far superior to melamine in outdoor applications due to its excellent UV resistance and ability to withstand changes in weather conditions.
- **HIGH HEAT & STAIN RESISTANCE:** Unlike melamine polish, Protecto-Woodgard is unaffected by spillage of tea, coffee, gravy, etc. and retains its gloss for many years. Hot objects too do not leave white marks.
- **EXCELLENT ANTI TERMITE PROPERTIES:** Protecto-Woodgard has superior anti-termite resistance which enables it to protect wood from being destroyed by termites and insects.
- **DURABILITY:** Protecto-Woodgard has better toughness as well as scratch and wear resistance than melamine and hence preserves the wood and keeps it looking unchanged for several years.
- **EXCELLENT WATER AND CHEMICAL RESISTANCE:** Protecto-Woodgard is superior to melamine in preventing wood from being damaged due to exposure to water. It also shows good resistance to dilute acids, alkalis and oils.
- **SUPERIOR FINISH:** Protecto-Woodgard enhances the beauty of the grains and texture of the wood and gives it a richer look than melamine polish.
- **ECONOMICAL:** While applying Protecto-Woodgard, there is no extra expenditure on thinners and cleaning solvents as there is in the case of melamine polish. Protecto-Woodgard is highly cost effective in the long run.

► Application:



- 1 Sand the surface along the grains with emery paper no. 180 followed by no. 320. Clean surface by removing dust and grease. If pores in the wood are required to be filled, use Protecto-Woodgard Sealer or make a filler putty from whiting powder (talc powder) and a 20% solution of Protecto-Woodgard and water. Apply the Sealer / putty in a circular motion using muslin cloth. Remove excess material along the grains.
- 2 Sand the filled surface using emery paper no. 180 followed by no. 320. Repeat filling operations, if necessary.
- 3 For a stained finish use a suitable wood stainer. Mix the stainer in the Sealer / putty described in point no.1 to fill and stain in one operation.
- 4 Use Protecto-Woodgard Gloss to obtain a high gloss finish and Protecto-Woodgard Matt for a matt finish.
- 5 Stir well before using Protecto-Woodgard. Thin the material with 10-15 % water. Apply two or three coats of Protecto-Woodgard by spraying (at 1.8 kg/sq. cm pressure) or by brushing, keeping a gap of 2-3 hours between coats. **Apply evenly in very thin coats to ensure quick drying and a superior finish.** Allow the final coat to dry thoroughly. Full scratch hardness is achieved after 3-4 days.

► Properties:

Colour and appearance:	Milky white liquid
Coverage:	9-10 sq.m/kg/coat spraying 10-12 sq.m/kg brushing
Tack free time (25°C):	30 minutes
Recoatibility:	After 3-4 hours

► Storage and Precautions:

Protecto-Woodgard can be stored for 12 months in its original, unopened container. Avoid all contact with eyes, skin, and clothes while handling. Use water to clean brushes, rollers, spray gun, etc. In case of accidental swallowing, drink large quantities of water and seek medical help. In case of any splashing in the eye, rinse with cold running water for 10-15 minutes.

Protecto-Woodgard formulations are subject to strict quality control, innovations and improvements to comply with our high standards. The above information is given on the basis of our best knowledge and information and is for your guidance only. Specifications, however, are subject to change and no guarantee is given or implied. All Rights Reserved.



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