



Protecto-GlasRang-WB

Water-based PU Glass Coatings

Protecto-GlasRang-WB is a revolutionary, eco-friendly, glossy two pack Polyurethane glass coating made with water based technology which has excellent adhesion to glass and is highly scratch resistant. It is available in clear, white and black colour and is easily tinted by water-based colour stainers. It is brought to you by IPMC (Pune), the pioneers in manufacturing of polyurethane coatings for more than 25 years.

► Salient Features:

- **EXCELLENT ADHESION:**

Protecto-GlasRang-WB bonds strongly to glass and is very durable.

- **OUTSTANDING SCRATCH & ABRASION RESISTANCE:**

Protecto-GlasRang-WB has excellent toughness as well as scratch and wear resistance.

- **ECO-FRIENDLY:**

Protecto-GlasRang-WB is an eco-friendly water-based product which is not harmful to the environment as compared to solvent based glass coatings. It is lead and chromate free.

- **QUICK DRYING:**

Protecto-GlasRang-WB is quick drying and easy to apply.

- **EXCELLENT UV RESISTANCE:**

Protecto-GlasRang-WB can be used for outdoor applications due to its excellent UV resistance.

- **EXCELLENT STAIN RESISTANCE:**

Protecto-GlasRang-WB is resistant to stains caused by spillage of tea, coffee, gravy, etc.

- **GOOD WATER AND CHEMICAL RESISTANCE:**

Protecto-GlasRang-WB is not damaged due to exposure to water. It also shows good resistance to dilute acids, alkalis and oils.

• **ECONOMICAL:**

While applying Protecto-GlasRang-WB there is no extra expenditure on thinners and cleaning solvents. Due to its good covering capacity, Protecto-GlasRang WB is highly economical and cost effective.

► **Application:**

Mix thoroughly the two components, A and B, in 1:4 ratio by volume. If you wish to modify the colour of the coating, add water-based stainers in the desired quantity and mix thoroughly. Thin the material with 10-20 % water. Apply two coats of Protecto-GlasRang-WB by spraying (at 1.8 kg/sq. cm pressure) or by brushing, keeping a gap of 2-3 hours between coats. Use the entire mixed material within 3 hours. **Do not use the mixture after 3 hours even though it appears to be thin and useable. 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:**

Colours:	Clear, white and black. Can be tinted to give wide range of shades
Mixing ratio:	1:4 by volume
Pot life at 25°C:	3 hours
Coverage:	8-10 sq.m/kg/coat spraying
Tack free time (25°C):	10-15 minutes
Re-coatability:	After 2-3 hours

► **Storage and Precautions:**

Protecto-GlasRang-WB can be stored for 6 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-GlasRang- WB 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.



Developed and Manufactured by:
Industrial Products Mfg. Co.

Last Updated January 2014

**Serving the
coating
industry
since 1985**

108/109 Parmar Chambers,
3/4 B. J. Road
Pune 411001 INDIA
Tel: 91-20-26129521, 26122612
Fax: 91-20-26124362
E-mail: Contact@IPMCIndia.com
www.IPMCIndia.com
www.ProtectoCoatings.com