

Mahaguard PU Clear Coat-702

Polyurethane Based UV Resistance Clear Coat in Gloss & Matt Finish

Description

Mahaguard PU Clear Coat-702 is a two-component crystal clear, glossy/ matt, fast curing, UV resistant, aliphatic modified polyurethane, which is liquid applied on a prepared surface to ensure waterproof properties for a long life. It cures to form a tough, abrasion resistant, chemical resistant & UV resistant waterproof coating. It has excellent clarity and gloss

Features / Advantages

- 2K system, provided in accurate measure, just mix and apply.
- Fast curing, easy to apply.
- Cures to form a tough and abrasion resistant coating
- Very good bonding to tiles, most painted surfaces, wood, metal, steel, asbestos, cement surfaces, granites, marble and such natural stones.
- Thermal stability even at high temperature & low temperatures
- Glossy clear appearance.

Typical application

- Terraces and Roofs, (Tiled or otherwise)
- Coatings on flooring of Badminton court, Basketball court, and wrestling arena,
- Fountains, small ponds etc.,
- Pavement of entrance drive ways of hotels & resorts, tiles entrance of lobby areas etc.
- As a glossy protective coat for Murals, and graffiti art,
- As a healthy "Anti-fungal" coat for hospitals, OT's and malls etc.
- Lacquer coats on wooden tables, seasoned and dried furniture, motor cycles, cars, or other elements.

Technical Information

Sr.No.	Properties	Specification
1	Nature	Two components (TM)
2	Colour	Water white
3	Mixing Ratio	80:20 by weight
4	Consistency after mixing	Free flowing clear liquid
5	Application time (Pot life) at 30°C	Minimum 2 hours
6	Surface dry 30°C	Maximum 1 hours
7	Hard dry	7 days
8	Curing time at 30°C	24 hrs
9	Inter-coat period at 30°C	4 to 18 hrs

Methods of Application

Surface Preparation

For fresh/new surfaces: clean the surface thoroughly with suitable emery paper. Keep the surface free from oil, grease, moisture, dust and dirt.

For pre-painted surfaces: Strip all the old paint and remove all the loose particles with suitable emery paper. Keep the surface free from oil, grease, moisture, dust and dirt before application.

Application:

Mix the base and hardener in ratio (B: H: 4:1) slowly till homogeneous consistency obtained. Wait for 2 to 3 minutes till all entrapped air escape. Apply 2 coats at the interval of minimum 6 hours it depend on the substrate conditions. The actual drying time may be longer or shorter depending on film thickness, ventilation, humidity etc.

Precautions & Limitations

- Ensure recommended mixing proportions of Base, Hardener.
- Apply within the specified pot life.
- Use recommended sealer if required.
- Suitable Preventive measures should be taken when temperature falls below 10°C or rises above 40°C and when Relative Humidity is above 85%.
- Coating supplier should be consulted for necessary action.
- Spray and brush equipment should be immediately clean with solvent after application.
- Proper method of substrate cleaning and pre-treatment is required before application.

Mahaguard PU Clear Coat-702

Polyurethane Based UV Resistance Clear Coat in Gloss & Matt Finish



Packing

1L & 5L



Storage and Shelf life

It should be kept in a dry store in the original, unopened packs between 5°C and 30°C. Shelf life is 12 Months



Consumption

Concrete: - 3.5 to 4 m²/lit/2 coats

Steel: - 5 to 6 m²/lit/2 coat. Coverage may vary based on nature of substrate



Cleaning of Tools & Equipments

Material should be removed from tools and equipment with suitable solvent immediately after use.

Ecology, Health and Safety

Health & Safety instructions, all chemicals should not come in contact with skin and eyes or be swallowed. Protective gloves and goggles should be worn. If contact with skin occurs, wash well with soap and water.

Eye contamination should be washed thoroughly with clean water and medical advice sought.

If swallowed seek medical attention immediately. Do not induce vomiting.

Disclaimer

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product.

Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions.

The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.



Nikhil Adhesives Limited

902, 9th Floor, A Wing, Kaledonia HDIL Building,
Sahar Road, Opp. D-Mart,
Andheri (East), Mumbai – 400069



8655691400



support.mahafix@nikhiladhesives.com



www.nikhiladhesives.com

