ShaliKote® MMA

High Performance PMMA Based Clear Lacquer

STP Limited

Description

ShaliKote® MMA is a PMMA (polymethyl methacrylate) based, single pack, non-yellowing clear lacquer for concrete, metal and masonry surfaces. It dries to a transparent, tough film that does not show any yellowing tendency on exposure to sunlight and is resistant to alkali from fresh concrete as well as acid, salt and many construction and household stains. It is ideally suited for exterior and interior finishing where the natural appearance of the surface is to be retained, and helps keep the surface clean against weathering, dirt and staining.

Characteristics

Physical Appearance	Transparent low viscous liquid
DFT, microns	40 - 80
Application Temperature, °C	5 - 40
Bond strength to concrete, MPa (ASTM D 4541)	> 2.5
Specific Gravity	0.85 - 0.95
Theoretical Coverage, Sq.M/L *	5 - 7
VOC, g/L	< 65

*** Depending upon surface condition.**

Application

- Old & new concrete surfaces, including exposed and architectural concrete.
- Unglazed bricks and clay tiles.
- Terrazzo floors and walls.
- Exterior and interior masonry surfaces including various metal surfaces.
- Facades, boundary walls, columns and other surfaces where a clear, natural finish is desired.
- Residential, commercial and industrial buildings.

Advantages

- Transparent finish that preserves the natural appearance of the surface.
- Non-yellowing and excellent resistance to UV rays.
- Resistant to alkali, acid, salt and many construction and household stains.
- Seals out dirt and other staining materials.
- Easy for application. Single pack.
- Durable in all climate conditions.

Application Methodology

▶ Surface Preparation

- Surface should be dry, structurally sound, free from grease, oil, dirt and other contaminations.
- Remove any curing compound or releasing agents prior to application.
- Use compressed air or grit blasting to remove dust and other loose particles.

- Any blow holes, honey combs on the surface should be repaired & made even.
- Ensure that the surface is dry prior to application.

▶ Material Preparation

- **ShaliKote® MMA** is a single pack system. Mix well before application, to ensure that there is no sedimentation.

▶ Application of Material

- Apply **ShaliKote® MMA** as per the coverage.
- Apply **ShaliKote® MMA** as supplied on the prepared surface by brush / roller / low pressure, airless sprayer.

Cleaning & Maintenance

Clean tools and equipment with Xylene or Toluene before the material hardens.

Health & Safety

- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapor.
- Wear suitable protective clothing, gloves and eye protection.
- In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of contact with eyes, wash immediately with plenty of clean water and seek medical advice.
- If swallowed seek medical attention immediately. Do not induce vomiting.

Packaging

Available in 20 L pack.

Storage

Keep in cool and dry place, under shed, away from heat.

Shelf Life

12 months in original unopened sealed condition.



STP Limited
Enhancing Structures' Life

Product Range
■ Waterproofing and Insulation ■ Road Surfacing
■ Sealants and Additives ■ Pipeline Coating
■ Protective / Anti-Corrosive Coating ■ Epoxy Flooring
■ Grouts / Admixtures ■ RestoFix- Repair / Rehabilitation
■ Other Construction Chemicals

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