ShaliCure® PA M 20

Paraffin Based Pigmented Concrete Curing Compound

STP Limited

Description

ShaliCure® PA M 20 (formerly known as ShaliCure PA M) is a liquid, membrane forming curing compound for concrete. It protects new concrete through preventing premature water loss and reduces cracking, spalling and flaking on the surface.

ShaliCure® PA M 20 is non-flammable paraffin – pigmented emulsion.

It conforms to ASTM C 309, Types 2 & 1D, Class A.

Characteristics - Physical

Physical Appearance	Milky white liquid	Theoretical Coverage, m^2 / L *	
Drying time*, hrs.	3 - 5	• Textured Concrete	4.9 – 7.4
pH	6.60	• Smooth Concrete	7.4 – 8.6
Solid Content, %	15 ± 1	Specific Gravity	1.07 ± 0.2

* **Depending upon surface condition.**

Characteristics - Technical

Property	Test Method	Result
Moisture Loss, kg / m^2, 72 hrs.	ASTM C 156	< 0.55
Water retention, kg / m^2, loss of water @ 72 hrs.)	ASTM C 156	0.29
Reflectance test, %	ASTM E 1347	> 60

Application

- Highways.
- Runways / Taxi ways / Aprons.
- Retaining walls / columns / roofs / decks.
- Canals, dams, water channels and other water retaining structure.
- All concrete structure like retaining walls, columns, roofs.
- Other concrete floors.

Advantages

- Provides membrane to arrest premature water loss.
- Reduces dusting.
- Increases frost resistance.
- Helps to minimize spalling of exterior concrete.

Application Methodology

➢ Surface Preparation

- The concrete surface must be clean and free of standing water. Remove any sealer or other material that may prevent absorption of the **ShaliCure PA M 20**.

➢ Material Preparation

- Stir **ShaliCure® PA M 20** by a slow speed mixture fitted with a suitable mixing paddle to ensure a homogenous mix.

➢ Application of Material

- Start the spray application only after initial set of concrete i.e. when green concrete is justmoist.
- Apply **ShaliCure® PA M 20** by spray with a pressure of 100 – 125 psi spray machine.
- After application the area must be protected from rain for at least 2 – 3 hrs.
- **ShaliCure® PA M 20** can be used between old concrete and new concrete as a disengaging agent. Apply two coats over cleaned concrete of at 200 to 250 gm per sq. mtr. and allow it to dry. This film shall will act as a disengaging agent as the surface gets ready for continued concreting.

➢ Precautions

- **Mixing water is totally prohibited.**
- In case of change over from Solvent Based to Water Based, the application equipment including intermediary storage tank, must be thoroughly cleaned by STP Thinner first and then by water to prevent any clogging.

Cleaning & Maintenance

Clean tools and equipment with water before the material hardens

Health & Safety

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

Packing

Available in 200 Kg drum.

Storage

Store in a cool dry place, under shed, away from heat.

Shelf Life

6 months in original unopened sealed condition.

STP Limited
Enhancing Structures' Life

Product Range
■Waterproofing & Insulation ■Road Surfacing
■Sealants & Adhesives ■Pipeline Coatings
■Protective/Anti-Corrosion Coatings ■Epoxy and Flooring
■Grouts and Admixtures (GARA)
■RestoFix - Repair/Rehabilitation ■Other Construction Chemicals

80 Years of Trust

Advisory Cell: +91 81302 81114