

TankMastic®

Bituminous Anti-corrosive Multi-purpose Coating



STP Limited

Description

TankMastic® is a single pack, solvent based, general purpose non-toxic, lead free & unpigmented bitumen-based coating that provides economical protection of steel and masonry. When dry, the product forms an odourless and taint free bitumen film suitable for the protection of metals, concrete from corrosion of acid and alkali attack.

Approvals / Standards

IS: 9862-1981, IS: 158-1981

Product Information

Form, Colour	Black, smooth liquid
Handling & Storage	The material must be stored in a shaded area with minimum exposure to sunlight and UV. The containers should be protected from all sources of heat, ignition & extreme cold
Packaging	Available in 1 L, 4 L, 20 L and 200 L drum.
Shelf Life	12 months when stored in unopened sealed conditions away from heat and sunlight.
Handling Precautions	As with all chemical products, care should be taken during use and storage to avoid contact with eyes mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Keep away from children and animals. Reseal containers after use.

Technical Characteristics at 25°C, 50% RH

Recoat time, hours	12 - 16	Flash Point, °C	35
		Touch drying, hours	3 ± 1
Recommended DFT / coat	40 to 50 microns	Specific Gravity	0.93 ± 0.03
Spreading rate, m ² / L** <ul style="list-style-type: none">• Metal surface• Concrete surface	9 - 11 6.5 - 8.5	Solid Content, % by weight	55 ± 2
		Solid Content, % by volume	50 ± 2
		Viscosity @ 28°C, B4 Ford Cup, ASTM D-1200, sec	100 - 110

** Depends on surface condition, porosity, texture, imperfections and wastage during painting

Field of Application

- Can be recommended for industrial pipelines, conduit pipes and other metallic / concrete (above and below ground) structures.
- It can also be used for general purposes for protection of water tanks, equipment, machines, etc.

Advantages

- Excellent anti-corrosive property.
- Easy application by brush, roller or spray.
- Suitable for surfaces in contact with fresh or salt water.
- Low permeability to moisture. Excellent water repellence.
- Suitable for potable water tank coating.

Application Information

- ✓ **Substrate Temperature** +5°C Min / +45°C Max
- ✓ **Ambient Temperature** +5°C Min / +45°C Max
- ✓ **Substrate Moisture Content** < 5%

Application Methodology

➤ Surface Preparation

- The surface shall be cleaned thoroughly of all contaminants like dust, traces of curing compound, oil and grease. All surface imperfections and protrusions shall be removed and repaired.
- Structurally unsound and friable concrete must be removed and repaired concrete repair mortar.

➤ Material Preparation

- Stir **TankMastic®** thoroughly before use to make it homogeneous.
- After stirring, wait for the product to settle in order to let entrapped air escape.

➤ Application of Material

- Apply **TankMastic®** as supplied on the prepared surface by brush / roller / spray.
- Repeated coats can be given only after the earlier coat dries completely.

Precautions

- Avoid applying heavy coatings above 50μ DFT to prevent wrinkling and retardation of drying time.
- Avoid the use of cheap solvents as thinner as this may affect gloss and drying time.
- A maintenance coat after 2 - 3 year after completion of the project will be required for continual protection and correct product performance.
- The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

Value base of product data

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control and different test methods.

Health and Safety information

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent **Material Safety Data Sheet**.

- Ensure good ventilation during application and drying.
- Do not smoke while painting.
- Flammable, so store in a cool dry place away from heat and sparks.
- If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner.
- Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention.
- Harmful if swallowed. Seek medical attention and do not induce vomiting.

Cleaning & Maintenance

Clean all tools immediately after use with STP Thinner only. Do not allow the material to harden.



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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