

# TankMastic® 100

100 Micron Single Coat Bituminous Anti-Corrosive Coating



## Description

**TankMastic® 100** is a specially formulated anti-corrosive bituminous coating for railway tracks and other metallic / concrete structure. **TankMastic® 100** gives 100 microns DFT in single coat by single feed spray / brush application and is tasteless, odourless and non-toxic. **TankMastic® 100** cure to a hard film, having excellent resistance to water, mild acid, alkali and major common chemical.

It conforms to IS: 9862-1981 as well IS: 158-1981.

## Characteristics - Physical

Drying Time, hrs. <ul style="list-style-type: none"><li>• Touch dry</li><li>• Hard dry</li></ul>	2 - 4 6 - 8	Specific Gravity	1.00 ± 0.02
		Colour	Black

## Characteristics - Technical

Property	Test Method	Result
Consistency	IS:101 - 1989	Uniform, Smooth, Free Flow
Theoretical Coverage, m <sup>2</sup> / L* <ul style="list-style-type: none"><li>• On Metal Surface</li><li>• On Concrete Surface</li></ul>	IS:101 - 1988	5.0 - 6.0 4.0 - 5.0
DFT, Microns*	IS:101 - 2009	105 ± 5
Flash Point, °C	IS:101 - 2009	34
Viscosity @ 28°C, cps	ASTM D-2196	2000 - 2500

\* Depending upon surface condition and ambient temperature around 40°C.

## Application

- Railway tracks and other metallic / concrete (above and below ground) structures.
- Underbody of railway coach wagons and other vehicles.

## Advantages

- Easy to apply by brush / single feed spray gun.
- Dries fast to form a tough abrasion resistant coating.
- Provides an excellent anti-corrosive / protective coating for wide range of applications.
- Resistant to diluted acids and alkalis with excellent water resistance property.

## Application Information

- ✓ **Substrate Temperature** +10°C Min / +35°C Max
- ✓ **Ambient Temperature** +10°C Min / +35°C Max
- ✓ **Substrate Moisture Content** < 5%

## Application Methodology

- **Surface Preparation**
  - Remove all loose gravel, dirt, oil, grease and foreign matter by jet of dry air and clean the surface mechanically or by grinding to make it smooth before application.
- **Material Preparation**
  - Stir **TankMastic® 100** by a slow speed mixture (approx. 400 rpm) fitted with a suitable mixing paddle to ensure a homogenous mix.
  - After stirring, wait for the product to settle in order to let entrapped air escape.
- **Application of Material**
  - Apply **TankMastic® 100** by brush / spray gun on prepared surface.

## 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 20 L and 200 L drum.

## Storage

Keep in cool and dry place in air tight container 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



**Advisory Cell: +91 81302 81114**