



**SHALIMAR  
PAINTS**

# TUFFKOTE

## PROTECTIVE COATINGS

### DICOAT HIGH TEMP BLACK

Data Sheet No. SPL/PMG/2019100120

A single pack high build anti-corrosive black paint based on special quality bituminous. This coating has very good abrasion resistance along with excellent water resistance and resistance to mild acids, alkalis and selected chemicals and therefore widely used for the protection of ductile iron pipe and other pipe connections carrying cold potable water.

## Product Information

<b>Color</b>	Black
<b>Finish</b>	Smooth & Semi glossy
<b>Viscosity @ 30 ° C</b>	120 – 160 seconds
<b>Flash Point</b>	Above 23°C
<b>Solid content (By weight)</b>	60 ±3 %
<b>Volume Solids</b>	54±3 %
<b>Recommended dry film thickness</b>	85-95 microns
<b>Corresponding wet film thickness</b>	158-175 microns
<b>Theoretical Spreading Rate</b>	6.35 – 5.68 Sq.m/ltr
<b>Drying time</b>	Surface Dry 12 minutes Hard Dry 6 Hours Tack Free Overnight
<b>Salt Spray resistance as per IS:2074 (7 days exposure)</b>	Satisfactory
<b>VOC</b>	393 gm/ltr (EPA Method 24)

## Surface Preparation

### Steel Surface

Surface must be clean, dry & free from contamination. Prior to paint application all surfaces should be assessed and treated in accordance with ISO 8504:2000. Abrasive blast clean to SA 2½ is recommended. If Abrasive blast cleaning is not possible it is recommended to hand tool/ power tool cleaning up St2 or St3 before application of this product

### Concrete Substrate

Ensure that the surface is cured for minimum 28 Days. Remove laitance, loose surface powder by light sand blasting. If blast cleaning is not feasible, roughen the surface by acid etching with 10% Hydrochloric Acid solution followed by thorough freshwater hosing to remove any residual acid. The surface should be perfectly dry and clean before applying this coat

*For damage area rectification please contact the Technical team of Shalimar Paints Limited*

## Application Details

**Method of Application** Air less Spray application on a well-prepared zinc coated plate pre-heated to 55° C. Flash off for 15 minutes & then stove at 55° C for 10 minute followed by quenching in running tap water

### Notes on Airless Spray

Tip Range	21 – 26 thou.
Total Output	3000 – 3500 psi.
Fluid Pressure	(210- 246 kg/sq.cm.)
Thinner	Thinner 6752

## Health & Safety

Use Proper Personal Protective Equipment(PPE) during application of this product.

Please consult Material Safety Datasheet (MSDS)

## Precaution

Provide adequate ventilation during application and drying. Clean Spray gun equipment and hose immediately after application of material.

## Standard Pack Size

1,4 & 20 litres - For available pack size contact local representative of Shalimar Paints Limited

### NOTES:

1. *This Product datasheet supersedes all previous datasheet and subject to change without prior notice*
2. *Do not apply when surface temperature is less than 3 °C than dew point.*
3. *Mixing with mechanical agitator is strongly recommended*
4. *Do not apply paints when environment temperature rises above 50 °C or when relative humidity rises above 85%. Do not apply during rain, fog or mist.*
5. *Use of thinners other than supplied or approved by Shalimar may adversely affect product performance*
6. *Drying is dependent on temperature, relative humidity and thickness; ranges is given for considering those parameters*
7. *System Guide is a typical and for indicative purpose only, however this can have wide range of combination. For details, please contact Shalimar Paints limited*
8. *Request for details information of surface preparation, paint application on the recommended coating system*

*DISCLAIMER: This PDS is by no means a comprehensive data. The company will not be liable for losses or damages howsoever caused including liability for negligence, which may be suffered by the user of the data contained therein. It is the user's responsibility to conduct all necessary tests to confirm the suitability of any product or system for their intended use. No guarantee of result is extended since conditions of use are beyond our control. Liability is limited to replacement of the product hence cost of labour charges or consequential damages are excluded.*