



**SHALIMAR
PAINTS**

TUFFKOTE

PROTECTIVE COATINGS

EPIGARD RC PF FINISH

Data Sheet No. SPL/PMG/20191000096

A two-pack rapid cure high solids polyamine cured epoxy high build finish specially designed for excellent protection of the external surface of zinc coated pipes during its service life. This coating has very good abrasion and impact resistance along with excellent resistance to water and selected chemicals. Blue color meets the requirement of BS 6920:2000 for use in contact with potable water and also CFTRI Certified. Blue colored Epigard RC PF Finish is WRAS approved @ 23°C.



Product Information

Color	Blue and Red Brown
Finish	Smooth and Glossy
Flash Point	Above 23°C
Mixing Ratio (By Volume)	Base : Accelerator 3 : 1
Volume Solids	52 ± 2 %
Recommended dry film thickness	75 – 100 microns
Corresponding wet film thickness	145-195 microns
Theoretical Spreading Rate	6.93-5.20 Sq.m/ltr
Drying time @ 30°C	Touch dry 40-60 Minutes Hard Dry 10-12 Hours Full cure 7 days
Interval before Over-coating	Minimum 5 hours Maximum 7 days
Volatile organic Compound (VOC)	400 gm/ltr (EPA Method 24)
Storage Life	12 months minimum @ 30°C if stored in a dry sealed container at shaded condition away from heat source and ignition
Dry Heat Resistance	Up to 150°C (Intermittent)

Surface Preparation

Steel Surface

Surface to be coated should be clean, dry and free from contamination. Prior to paint application all surfaces should be assessed and treated in accordance with ISO 8504:2000.

It is suitable to apply on zinc coated ductile iron pipe.

For damage area rectification contact the Technical team of Shalimar Paints limited

Application Details

Method of Application

Brush / Roller / Spray

Notes on Airless Spray

Tip Range	15 – 21 thou.
Total Output	1900 – 2800 psi.
Fluid Pressure	(147- 196 kg/sq.cm
Pot Life	6 - 8 hours
Thinner	Thinner 6756

Notes on Air Spray

Nozzle Orifice – 1.2 mm to 3 mm
Nozzle Pressure – 0.3-0.4 Mpa

Uses

High Performance, high build epoxy coating for the external of steel/ductile pipeline .

Typical System Selection Guide

SURFACE	1 ST COAT	2 ND COAT	3 RD COAT
Ductile Pipe	Zinc Coating	Epigard RC PF Coating	Epigard RC PF Coating

Chemical Resistance Guide (with suitable top coat)

EXPOSURE	Acids	Alkalis	Solvents	Salt	Water
SPLASH & SPILLAGE	Good	Excellent	Good	Excellent	Excellent
FUMES & OUTDOOR EXPOSURE	Good	Excellent	Very Good	Excellent	Excellent

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

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. *Use material within stipulated pot life*
5. *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.*
6. *Use of thinners other than supplied or approved by Shalimar may adversely affect product performance*
7. *Drying is dependent on temperature, relative humidity and thickness; ranges is given for considering those parameters*
8. *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*
9. *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.