



**SHALIMAR
PAINTS**

TUFFKOTE

PROTECTIVE COATINGS

CHLOROKOTE FINISH

Data Sheet No. SPL/PMG/2019100024

A chlorinated rubber finish using selective chemical and weather resistant pigments for protection of steel and concrete structures in aggressive chemical environment. The coating renders tough glossy film with high resistance to moisture penetration, fungus growth, fumes and spillage of most acids and chemicals.

Product Information

Color	Selected Range	
Finish	Semigloss – Gloss	
Flash Point	Above 20°C	
Volume Solids	34 ± 2 %	
Recommended dry film thickness	30 - 40 microns	
Corresponding wet film thickness	88 - 118 microns	
Theoretical Spreading Rate	11.3 – 8.5	Sq.m/ltr
Drying time @ 30°C	Surface dry	1-3 hours
	Tack Free	6-8 hours
	Hard dry	16-18 hours
Interval before Over-coating	Minimum	8 hours
	Maximum	Indefinite
Volatile organic Compound (VOC)	568 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 65°C (Intermittent)	

Uses

Suitable as topcoat for Structural Steel, Pulp & Paper Mills, Chemical Plants, Bridges, Jetties, Pipelines, Tank Farms, Fertilizer Plants, Marine Installations. It is ideal for Swimming Pool

Limitations

Coating not resistant to solvents, oils, grease and fats. The film is thermoplastic and is liable to soften and decompose above 65° C.

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 always recommended to apply suitable primer coat before application of this product. Ensure surfaces to be coated is dried and followed over-coating interval and if required sufficiently roughened by emery paper.

This product can be applied over Hand & Power tool cleaning to St2 & St3

For damage area rectification and concrete coating contact the Technical team of Shalimar Paints limited.

Application Details

Method of Application

Air Spray/Airless spray / Brush / Roller

Notes on Airless Spray

Tip Range	18 - 26 thou.
Total Output Fluid Pressure	2700 – 3500 psi. (190 - 246 kg/sq.cm.)
Thinner	Thinner 6752

Notes on Air Spray

Nozzle Orifice – 2.0 mm to 3 mm
Nozzle Pressure – 0.3-0.4 Mpa

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Typical System Selection Guide

SURFACE	1 ST COAT	2 ND COAT	3 RD COAT	4 TH COAT
Steel	Chlorokote Zinc Phosphate Primer	Chlorokote Finish / Chlorokote HB Finish	Chlorokote Finish / Chlorokote HB Finish	-
- Do -	- do -	Chlorokote HB MIO	Chlorokote Finish / Chlorokote HB Finish	Chlorokote Finish / Chlorokote HB Finish

Chemical Resistance Guide (with suitable top coat)

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

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- consult 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

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