



**SHALIMAR
PAINTS**

TUFFKOTE

PROTECTIVE COATINGS

CHLOROKOTE MIO

Data Sheet No. SPL/PMG/20191000401

A high build Chlorinated rubber based intermediate coat with lamellar micaceous iron oxide pigment. The coating imparts tough and durable film with exceptional permeability to moisture and many industrial chemicals. The grey version contains Titanium dioxide apart from micaceous iron oxide pigment.

Product Information

Color	Brown / Grey
Finish	Matt
Flash Point	Above 23°C
Volume Solids	43 ± 2 %
Recommended dry film thickness	50 - 75 microns
Corresponding wet film thickness	115 - 175 microns
Theoretical Spreading Rate	8.6 – 5.73 Sq.m/ltr
Drying time @30°C	Touch Dry 1 - 2 hours Tack Free 6 – 8 hours Hard Dry 16 - 18 hours
Interval before Over-coating	Minimum 16 hours Maximum Indefinite
Volatile Organic Compound (VOC)	480 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 intermediate for Structural Steel, Pulp & Paper Mills, Chemical Plants, Bridges, Jetties, Pipelines, Tank Farms, Fertilizer Plants, Marine Installations.

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 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	19 - 27 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

Limitations

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

Typical System Selection Guide

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