



**SHALIMAR
PAINTS**

TUFFKOTE

PROTECTIVE COATINGS

ETCH PRIMER

DATA SHEET No. SPL/PMG/202110007025

A two pack polyvinyl butyl resin based etching primer with Zinc Tetroxy Chromate pigment for use on non-ferrous metals like aluminium and aluminium alloys, galvanized and zinc sprayed metal, tin plate, chromium and cadmium plating, nickel etc. It conforms to IS 5666.

Product Information

Color	Yellow
Finish	Smooth & Matt
Mixing ratio By Volume	1:1
Flash Point	Above 20°C
Volume Solids	14±2 %
Recommended dry film thickness	6 – 8 microns
Corresponding wet film thickness	45 - 60 microns
Theoretical Spreading Rate	23.3 – 17.5 Sq.m/ltr
Drying time @30°C	Touch Dry 15 minutes Hard Dry 1 – 2 hours
Interval before Over- coating	Minimum 4 hours Maximum 24 hours
Volatile Organic Compound (VOC)	750 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 60°C (Intermittent)

Surface Preparation

Steel Surface

Remove oil or grease using Shalimar degreasing Thinner, followed by light abrading with abrasive paper. Surface should be perfectly clean and dry before painting.

For Damage area rectification contact the Technical team of Shalimar Paints Limited.

Application Details

Method of application:

Spraying recommended for uniform finish. Airless spray not recommended, as it is almost impossible to avoid over application.

Pot life: 6 - 8 hours
Thinner : Thinner 6755

Uses

As pretreatment primer

Typical System Selection Guide

SURFACE	1 ST COAT	2 ND COAT	3 RD COAT	4 TH COAT
Steel	Etch Primer	Shaliprime yellow	Tuffkote Chemical Resistant Enamel / Lustrol H R Aluminium	Tuffkote Chemical Resistant Enamel / Lustrol H R Aluminium
- Do -	Etch Primer	Chlorokote HB MIO	Chlorokote HB Finish	Chlorokote HB Finish

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- 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

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.