



**SHALIMAR  
PAINTS**

# TUFFKOTE

## PROTECTIVE COATINGS

LUSTROL ALUMINIUM GP TO IS 2339

Data Sheet No. SPL/PMG/202110007006

A high lustre two pack oleoresinous aluminium pigment based paint with remarkable protective properties and heat resistance upto 250°C. This product is as per specification of IS 2339.

### Product Information

<b>Color</b>	Aluminium
<b>Finish</b>	Bright Metallic
<b>Flash Point</b>	Above 30°C
<b>Volume Solids</b>	23 ± 2 %
<b>Recommended dry film thickness</b>	15 - 20      microns
<b>Corresponding wet film thickness</b>	65 - 87      microns
<b>Theoretical Spreading Rate</b>	15.3 – 11.5 Sq.m/ltr
<b>Drying time</b>	Touch dry      4 – 6      hours Hard dry      8      hours
<b>Interval before Over-coating</b>	Minimum      18 hours Maximum      Indefinite
<b>VOC</b>	720 gm/ltr (EPA Method 24)
<b>Storage Life</b>	12 months minimum @ 30°C if stored in a dry sealed container at shaded condition away from heat source and ignition
<b>Dry Heat Resistance</b>	Up to 250°C (Continuous)

### 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 to St 2.

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

### Application Details

#### Method of Application

Brush / Conventional Spray

Aluminium paste and medium supplied in proportionate quantities. Mix the contents thoroughly and stir well before and during application. Mixed paint to be used off within 24 hours to maintain uniformity in lustre.

Thinner | 6751

### Uses

Suitable as topcoat as a heat resistant coating for chimney stacks, boiler fronts, duct work, piping and furnace structure, industrial plants, warehouses etc. It has special use in coating exterior of storage tanks for industrial usages

## Typical System Selection Guide

SURFACE	1 <sup>ST</sup> COAT	2 <sup>ND</sup> COAT	3 <sup>RD</sup> COAT
Steel	Tuffkote HB/SHB ZP Primer	Lustrol Aluminium GP to 2339	Lustrol Aluminium GP to 2339
- Do -	Heat Resisting Lustrol Aluminium Paint	Lustrol Aluminium GP to 2339	-

## Chemical Resistance Guide (with suitable top coat)

EXPOSURE	Acids	Alkalis	Solvents	Salt	Water
SPLASH & SPILLAGE	poor	poor	Fair	Fair	Fair
FUMES & OUTDOOR EXPOSURE	Good	Good	Good	Good	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 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.