



**SHALIMAR
PAINTS**

TUFFKOTE

PROTECTIVE COATINGS

HEAT RESISTING LUSTROL ALUMINIUM PAINT

Data Sheet No. SPL/PMG/2019100030

A high lustre two pack oleoresinous aluminium pigment based paint with remarkable protective properties and heat resistance upto 250°C.

Product Information

Color	Aluminium
Finish	Bright Metallic
Flash Point	Above 30°C
Volume Solids	23 ± 2 %
Recommended dry film thickness	15 - 20 microns
Corresponding wet film thickness	65 - 87 microns
Theoretical Spreading Rate	15.3 – 11.5 Sq.m/ltr
Drying time	Touch dry 4 – 6 hours Hand dry 15 – 18 hours
Interval before Over-coating	Minimum 18 hours Maximum Indefinite
VOC	720 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 250°C (Continuous)
Special note	Mixed Paint Should be used within 24 Hours

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 ST COAT	2 ND COAT	3 RD COAT
Steel	Tuffkote HB/SHB ZP Primer	Heat Resisting Lustrol Aluminium Paint	Heat Resisting Lustrol Aluminium Paint
- Do -	Heat Resisting Lustrol Aluminium Paint	Heat Resisting Lustrol Aluminium Paint	-

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

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