



**SHALIMAR  
PAINTS**



# TUFFKOTE

PROTECTIVE COATINGS

HEAT RESISTING CHIMNEY BLACK

DATA SHEET NO. 2006-053

A specially formulated bituminous paint with graphite black pigmentation meant for application on metal surfaces exposed to service temperature upto 250°C. It has excellent adhesion to steel and it protects the surface from atmospheric corrosion, chemical fumes and industrial gases.

## Product Information

Colour	Black
Finish	Semigloss
Flash Point	Above 30°C
Volume Solids	38% approximately
Recommended dry film thickness	30 microns per coat.
Corresponding wet film thickness	79 microns
Theoretical Spreading Rate	12.7 Sq.metre per litre
Drying time	Touch dry - 4 hours Hard dry - 12 hours
Interval before Overcoating	Minimum - 24 hours Maximum - Indefinite
Storage life	Upto 12 months so long as the material is stored in sealed containers under standard warehouse storage conditions.
Dry Heat Resistance	Upto 250°C

## Surface Preparation

### Steel Surfaces:

Degrease and blast clean to Sa 2½ grade minimum of Swedish specification SIS - 05 - 5900 - 1967. If blast cleaning is not practical make full use of mechanical tools along with manual cleaning and wire brushing to remove loose rust / scale to St 2 or St 3 grade of Swedish specification. Surface should be perfectly clean and dry before applying HR Chimney Black.

## Application Details

### Method of Application:

Brush

Thinner:

Thinner 6751

## Limitations

No primer is recommended. In case any primer is used it should be removed completely.

## Uses

External surface of Chimneys, Condensers, Stacks of Industrial Plants.

System Selection Guide

SURFACE	Steel
1 <sup>st</sup> COAT	Heat Resisting Chimney Black
2 <sup>nd</sup> COAT	Heat Resisting Chimney Black
3 <sup>rd</sup> COAT	Heat Resisting Chimney Black

Chemical Resistance Guide

EXPOSURE	Acids	Alkalis	Solvents	Salt	Water
SPLASH & SPILLAGE	Fair	Fair	NR	Good	Excellent
FUMES & OUTDOOR EXPOSURE	Good	Good	NR	Good	Excellent

- NOTES**
1. This cancels all previous literature on this product and is subject to revision without notice
  2. Do not apply when temperature falls below 10°C or rises above 50°C and when relative humidity rises above 90%. Do not apply during rain, fog or mist.
  3. The paint should not be applied on hot surface. After complete drying of the final coat the painted surface should be gradually heated to the working temperature
  4. Use of thinners other than supplied or approved by Shalimar may adversely affect product performance and void product warranty whether express or implied.

Health and Safety

Please refer to the separate safety data sheet available with detailed information.



**Shalimar Paints Ltd.:** 4th Floor, Plot No. 64, Sector-44  
Gurgaon - 122001, Haryana (India) | **P:** +91-124-4616600 | **F:** +91-124-4616659  
**E:** askus@shalimarpaints.com | www.shalimarpaints.com

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