



A specially treated anticorrosive bituminous coating primarily designed to give long term protection to underchassis of automobiles. The coating has excellent water resistance characteristics along with resistance to impact and abrasion.

Product Information

Colour	Black
Finish	Semigloss to Glossy
Flash Point	Above 23°C
Volume Solids	56% approximately
Recommended dry film thickness	30 microns per coat
Corresponding wet film thickness	54 microns
Theoretical Spreading Rate	18.7 Sq. metre per litre
Drying time	Touch dry - 6 hours Hard dry - 24 - 48 hours
Interval before Overcoating	Minimum - 24 hours
Dry Heat Resistance	Upto 120°C (intermittent)
Storage life	Upto 9 months so long as the material is stored in sealed containers under standard warehouse storage conditions.

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 Heart Bituminous Black No.1.

Concrete Surfaces:

For new concrete surface: Ensure that the surface is cured for minimum 2 months. Remove laitence, loose surface powder by light sand blasting. If blast cleaning is not feasible, roughen the surface by acid etching with 10% Hydrochloric Acid solution followed by thorough freshwater hosing to remove any residual acid. The surface should be perfectly dry and clean before applying Heart Bituminous Black No.1.

For old concrete surface: Remove grease, oil etc by solvent wiping. Remove water- soluble contaminants by fresh water hosing. Roughen the surface by acid etching, if light sand blasting is not feasible. The surface should be perfectly dry and clean before applying Heart Bituminous Black No.1.

Application Details

Method of Application:

Brush / Airless Spray.

Notes on Airless spray:

Tip Range - 15 - 21 thou

Total Out put fluid pressure -

2000 - 2500 psi

(141 - 176 kg/sq.cm)

Thinner:

Thinner 6754

Uses

Undercarriage of Automobiles, Ice Factories,
Cold Storages, Embedded Pipelines, Wood and Concrete piles.

System Selection Guide

SURFACE	Steel / Wood / Concrete
1st COAT	Heart Bituminous Black No.1
2nd COAT	Heart Bituminous Black No.1
3rd COAT	Heart Bituminous Black No.1

Chemical Resistance Guide

EXPOSURE	Acids	Alkalis	Solvents	Salt	Water
SPLASH & SPILLAGE	Fair	Fair	NR	Excellent	Excellent
FUMES & OUTDOOR EXPOSURE	Good	Good	NR	Excellent	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. Use of thinners other than supplied or approved by Shalimar may adversely affect product performance and void product warranty whether express or implied.
 4. No primer is recommended under this coating.

Health and Safety

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

Precaution

Adequate ventilation must be provided during painting, specially in confined areas to remove solvent vapour from the working place.



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