

LOT 3: Paints

1.0 Aluminium Paints with Paste

1.1 General

The properties of Aluminium paint should be highly resistant to moisture, saline water and general corrosive conditions. It should be excellent for protection of underwater and underground installations and also for various exposed parts of structures, and machines etc. which are prone to corrosion because of entrapment of moisture and other natural phenomena.

1.2 Specification of the Paints

- | | | | |
|-------|----------------------------------|---|---|
| i. | Standard | : | IS 158 & IS 986 |
| ii. | Colour | : | Metallic Aluminium |
| iii. | Finish | : | Semi-gloss with low metallic luster |
| iv. | Flash Point | : | Above 30°C |
| v. | Mixing | : | Aluminium paste and Medium are supplied in proportionate quantities, which are to be mixed up just before painting. |
| vi. | Recommended Dry film thickness | : | 20 microns per coat |
| vii. | Corresponding Wet film thickness | : | 80 microns |
| viii. | Drying time | : | Touch dry- 4 hours
Hard dry 12 - 18 hours |
| ix. | Dry heat resistance | : | Up to 120° C (intermittent) |
| x. | Storage life | : | Up to 12 months under standard warehouse storage conditions. |

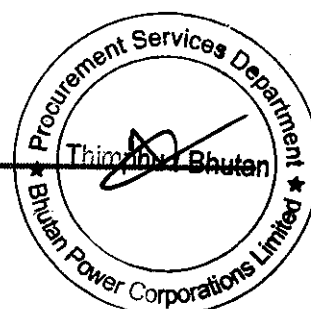
2.0 Bituminous Black Paints

2.1 General

A specially treated anticorrosive bituminous coating primarily designed to give long term protection to electrical poles and structures. The coating should have excellent water resistance characteristics along with resistance to impact and abrasion.

2.2 Specification of the Paints:

- | | | | |
|------|-------------|---|-----------------------------|
| i. | Standard | : | IS 158 & IS 9862 |
| ii. | Colour | : | Black |
| iii. | Finish | : | Smooth, Semigloss to Glossy |
| iv. | Flash Point | : | Min. 30°C |



Section V- Schedule of Supply

- v. Volume Solids : 56 % approximately
- vi. Recommended
 - dry film thickness : 30 microns per coat
- vii. Corresponding
 - wet film thickness : 54 microns
- viii. Drying time : Touch dry- 6 hours
: Hard dry- 24 - 48 hours
- ix. Dry Heat Resistance : Up to 120°C (intermittent)
- x. Storage life : Up to 12 months under standard warehouse storage conditions.

