



A high build economical primer for steel which has excellent anti-corrosive properties and can be used for conditions of continuous immersion in fresh, salt or brackish water. It is based on a specially designed bituminous medium with aluminium pigmentation. It is particularly useful in sea / saline water immersion and also in underground installations. The quality satisfies IS.1404 for Sea water Immersion test.

Product Information

Colour	Silver - bronze
Finish	Semigloss with metallic lustre
Flash Point	Above 23°C
Volume Solids	50% approximately
Recommended dry film thickness	50-60 microns per coat.
Corresponding wet film thickness	100 - 120 microns
Theoretical Spreading Rate	10.0 - 8.3 Sq. metre per litre
Drying time	Surface dry - 2 - 4 hours Handleable - 6 - 10 hours
Interval before Overcoating	Minimum - 18 hours Maximum - 2 weeks
Dry Heat Resistance	Upto 120°C (intermittent)
Storage life	Upto 6 months so long as the material is stored in sealed containers under standard warehouse storage conditions.

Limitations

Not to be used for exterior weathering. Being based on Aluminium pigmentation, it does not resist strong acid or alkali.

Surface Preparation

STEEL SURFACES:

Degrease and blast clean to Sa 2 ½ 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 Tuffkote Anti-Brine Aluminium.

Application Details

Method of Application:

Brush / Roller / Airless Spray

Notes on Airless Spray:

Tip Range - 21 - 24 thou

Total Out put fluid pressure -

2500 - 3000 psi

(176 - 211 kg/sq.cm)

Thinner: Thinner 6754

Uses

Underwater & Underground Installations

Tanks (water immersion only)

Penstocks, Pulp & Paper Mills

Hydel Structures

System Selection Guide

SURFACE	Steel	Steel
1st COAT	Tuffkote Anti-Brine Aluminium	Tuffkote Anti-Brine Aluminium
2nd COAT	Tuffkote Anti-Brine Aluminium	Tuffkote Anti-Brine Aluminium
3rd COAT	Tuffkote HB Bitu Black	Tuffkote Bituminous Aluminium Paint
4th COAT	Tuffkote HB Bitu Black	Tuffkote Bituminous Aluminium Paint

Chemical Resistance Guide

EXPOSURE	Acids	Alkalis	Solvents	Salt	Water
SPLASH & SPILLAGE	Poor	NR	NR	Excellent	Excellent
FUMES & OUTDOOR EXPOSURE	Poor	NR	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. Primed steel work should not be exposed for a long period and preferably should be coated with suitable topcoat at the earliest.

Health and Safety

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

Precaution

Adequate ventilation must be provided during painting, especially in confined areas, to remove solvent vapour from the working place. Avoid contact with moisture during storage.



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