

## SYSTEM OFFERED

The Fire protection to Steel with solvent based Ameetuff St consists of the application of:-

FOR FIRE RETARDENT COATING SYASTEM FROM 550 -900° C FOR TWO HOUR RATING

PRIMER -(BASE COAT )—ONE COAT

TOP COAT – THREE COAT

1. PRIMER COATING USING STEEL BAR/ sheets with Ameetuff St primer

Ameetuff St primer is a non-flammable (when dry) anti-corrosive Ameetuff St primer which provides a very high degree of corrosion resistance to the substrate. For steel work, which is already primed, only one coat is required.

Coverage of the Primer is 4-6 SQM / per kg / Coat.

2. Ameetuff St Top Coat

Ameetuff St Top coat is applied in multiple coats at short intervals. Depend on the fire time resistance, more time resistance, means more coats requirement, normally two coat solve fire resistance purpose. This coating is Corrosion Resistant, totally Water & Acid/Alkali Resistant with excellent adhesion properties to the Steel and Aluminium surface. The coat of Ameetuff St has a high degree of flexibility, thus preventing the formation of cracks due to the thermal expansion of steel work. No lathing or reinforcement is required due to low thickness of coating.

3. TOP COAT

Use top coat for structural /sheets steel work exposed to weathering or for use in enclosed compartment with wet or humid ambient conditions.

1. Coats required 3 nos

2. Coverage 3-4 sqm / per kg /per Coat.

TECHNICAL DATA SHEET FOR Ameetuff St top coat & Ameetuff St primer

	Ameetuff St top coat	Ameetuff St primer
COLOUR	off White / Dark Admiral	Grey, green, brown ,Pink, rust ,etc
FINISH	Textured Matt	Smooth & uniform
DRYING TIME FOR EACH COAT	Touch dry – 1 hours -2 Hours	24 Hours
THINNER	Ameetuff thinner	Ameetuff thinner
FLASH POINT	Above 28 ° C.	Above 28 ° C
SOLID CONTENTS	56% approx.	62% approx.
SCRATCH HARDNESS	Conforms to IS:101	Conforms to IS:101
SPECIFIC GRAVITY	1.10 +/- .05	1.25 +/- .05
RESISTANCE TO LUBRICATING OIL	Conforms to IS:101	Conforms to IS:101
PROTECTION FROM CORROSION UNDER CONDITIONS OF CONDENSATION	Conforms to IS:101	Conforms to IS:101
INTUMESCENCE	App. 20 Times	Not applicable.
TOXICITY	semi -toxic	semi-toxic
SHELF LIFE	One year at room temperature when stored indoors in sealed	
Containers. containers.	One year at room temp. when stored indoors in Sealed	
PACKING SIZE Drums	25 Kgs. M. S. Drums	25 Kgs. M. S
METHOD OF APPLICATION	By brush / trowel/spray	By brush / trowel/spray

## FIRE RESISTANCE

Although thickness of the coating to achieve the desired fire resistance depends upon the thickness, generally the following dry coating thickness is adequate to achieve the desired fire rating for steel structures:

30 minutes rating @ approx. 200 gram/ per Sq. m.

60 minutes rating @ approx. 500 gram ./ per Sq. mt.

120 minute rating @ approx 1000gram /per sq .mt

## SAFETY

Ameetuff St presents no known health hazards during or after application. However, it is recommended that ventilation may be required during application since it is solvent based.

## METHOD OF APPLICATION

1. Clean the surface of rust grease, dust etc.
2. Apply one coat of Ameetuff St base coat anti-corrosive fire retardant primer on dry surface..
- 3 . Apply multiple coat of Ameetuff St top coat by brush./spray Allow it to dry for approximately 4-6 hours (touch dry). Overcoat with Ameetuff St in multiple coats allowing approx.8 hours time interval between each coat and build up layers. Apply  
The Top coat coloured , if required.
- 4 Ameetuff St coating thickness can be achieved in 3-4 coats.
- 5 Ameetuff thinner for thinning (if required) & for cleaning brush/equipment

Disclaimer- we do not guarantee of performance of material, as use of material beyond our Control ,