

INTRODUCTION

AMEETUFF Acrylated silicon paints are the derivative of acrylic conjunction with silicon resins , They provide temperature resistant /heat resistant coating along with Chemical Resistant anti-Corrosive properties.

SCOPE

The product possesses good flexibility, adhesion and having good temperature ,oil and chemical resistance.

Acrylated silicon Paint can safely be used for internal /external lining oven ,chimney , furnace outer coat ,and of ATF & Other light petroleum product tanks. And on cast iron products, can stand upto 275°C- 650°C

PRODUCT DATA

Type	: Single pack
Composition	: Suitable pigmented catalyzed with Acrylated silicon resin
Mixing Ratio	: With xylene or toluene as required
Pot Life	: 12 hours
Application	: Brush, rollers, airless , conventional spray ,or electrostatic spray
Recommended DFT	: 30-35 microns per coat
Corresponding WFT	: 61-85 microns per coat
Theoretical Spreading Rate	: 8-11sq.mtr/Ltr
Drying Time	: Touch 45 minutes., Handle-4-5 hrs. Hard - Over Night / bake 140°C for 30 minute
Curing Time	: 6-7 Days
Over coating Interval	: Min- 12hrs / Max - 5 days
Flash Point	: Above 22°C
Colour	: As per Amex / RAL Shade Card/ carbon black
Solubility	: Soluble in high boiled aromatic solvent /xylene/toulvene
Specific Gravity at 25°C	: 1.01
Softening Point	: 675°C
Solid Contents	: 45% to 55%
Hardness Test	: After 72 hrs
Distensibility (Erichisem)	: 8 m.m.
Freezing Point	: -12°C

Effect on skin	: Nil
Packing	: 20 Ltrs.
Thinner/Cleaner	: Xylene /tolvene Thinner/Cleaner
Finish	: Glossy

STORAGE LIFE

Upto 12 months as long as the sealed containers are kept under cover in a dry place under normal temprature conditions

USES

Recommended as a Primer/Paint/Clear for cast iron Steel structure exposed to chemical and industrial enviornment in fertilizers, refineries, petrochemicals, paper and pulp, food and pharmaceutical units.

RESISTANCE GUIDE

Chemical Resistance

Exposures	Splash and Spillage	Mild Fumes/Outdoor Resistance
Acids	Fair	Very Good
Alkalis	Good	Very Good
Solvents	Good	Very Good
Salt	Good	Very Good
Water	Good	Excellent

TEMPERATURE RESISTANCE

Continous : 375°C

Intermittent : 650°C

WEATHERBILITY

Very Good .

FLEXIBILITY

Very Good

ABRASION RESISTANCE

Very Good

SURFACE PREPARATION

Cast iron : Remove grease, oil and other contaminants by using Amex 3 in 1 chemical or Sand Blast a

minimum of Sa 2.5 Swedish Standard SIS 05 5900 with surface profile not exceeding 65 microns.

If blasting is not practical, remove loose rust and dirt by manual chipping and wire brushing scale to St-2 Swedish

standard SIS 05 5900. Don't Polish the excessively. To obtain best result treat the manually cleaned surface

with Amex Metal Conditioning Sol.

Apply Epoxy Primer only on a clean and dry surface.

APPLICATION

Stir the base thoroughly, add thinner to uniform consistency. Let the mixture mature for a minutes. Stir it again before and during application.

Brush / Roller : Apply without thinning. If required during application add maximum upto 5% Thinner
Depending on conditions dilute by adding 10% Thinner. Use any standard

Conventional Spray :

equipment at an atomising pressure of 3.5 - 4.2 kg/cm².

Airless Spray :

Preferable apply without thinning. If conditions dilute by adding 10% Thinner.

Use any standard equipment at an atomising pressure of 3.5 - 4.2 kg/cm²

Tip Size :

0.33 - 0.38 mm, Tip Pressure - 110 - 140 Kg/cm²

TYPICAL PAINTING SPECIFICATIONS

Surface	1st Coat	2nd Coat	3rd Coat	4th Coat
Cast iron Steel	Acrylated silicon Primer	Acrylated silicon paint	Acrylated silicon paint	-----
Galvanised Iron & Aluminium	Degrease and Scrape off the surface. Apply High Build Epoxy Primer followed by Top Coat of Acrylated silicon paint			

NOTES

1. The mixed paint should be used within the stipulated pot life period.
2. Don't apply when temperature falls below 5°C or rises above 50°C and when relative humidity rises above 90%. Do not apply during rain, fog or mist.
3. To avoid any undue damage to the Paint and Spray equipments clean them with thinner.
4. No Inflammable activity should be carried out when application is under process.

DISCLAIMER

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