

AMEETUFF Flame Guard can be used for under coating or top coating finishes for interior or exterior use.

AMEETUFF Flame Guard is a transparent FIRE RETARDANT COATING for wood, plywood and timbers for interior or exterior, it can also be used as a wood sealer and then painted over or use it as a top coat or finish coat over pre painted or pre stained wood, lumber, plywood or timbers.

AMEETUFF Flame Guard fire retardant coatings can be applied to Truss Joists, I-JOISTS, OSB, MDF, particle board, corrugated board, wall coverings, wicker, rattan, bamboo, Dry grass huts, thatching and much more, some projects that it has been used on are Mantels, cabinets, book cases, painted walls in haunted houses, timbers and other porous or non porous materials.

AMEETUFF Flame Guard is PBDE free, Chlorine free, non corrosive, non halogenated, non toxic, environmentally safe polymer based resin (insoluble when dry) and also has a UV inhibitor and mold inhibitor.

AMEETUFF Flame Guard can be brushed on, rolled on or sprayed on with a pump up sprayer , requires no special cutting tools or fasteners. In most situations no retreating will be required.

AMEETUFF Flame Guard inhibits treated material from igniting by creating a protective intumescent barrier between the fire or heat source and the treated material, once a heat source is present then the fire retardant coatings reacts with the heat, the protective barrier will start to intumesce and protect the treated material from igniting.

AMEETUFF Flame Guard ,fire retardant coating may be used in Hospitals, Day Care Centers, Fireworks Booths, Haunted Houses, Schools, Garages, Welding Shops, Malls, Hotels/Motels and Multi Family Dwellings anywhere that fire safety codes are required. All our fire retardant coatings are available to the general public, you don't have to be a contractor or a builder to purchase our products.

AMEETUFF Tree Guard - fire retardant spray for hay, straw, pine needles, dry grass, brush, shrubs and Christmas Trees, proven effective in preventing grass fires, wildfires and forest fires. AMEETUFF's fire retardant spray can be applied by using a pump up sprayer, watch our videos so you'll see how effective AMEETUFF Tree Guard really is.

AMEETUFF Flame Guard - for thatching, wicker, rattan, dry grass huts, Wainscot Panelling, PRE-FINISHED PANELING, Stage Props, bamboo and similar materials can be treated, it may also be used to treat pre painted wood, lumber, plywood, reclaimed wood and more. Haunted Houses, Schools, Day Care Centres, Home Owners, residential contractors and commercial contractors use AMEETUFF's products, visit our application page to see more users and applications for our products. At ameetuff.com and ameetuff.in

The AMEETUFF Difference: we take great pride in our responsibilities to our customers; when you ask us a question we'll have an answer and for some reason we don't, we'll find the answer for you, we promise. We have dedicated technical support and we'll make sure you get the right product for your job and the right amount you'll need. These are just a few unique differences with us from other companies.

Distinguishing Features: AMEETUFF's flame retardant coatings & fire retardant sprays are transparent, odor free, insoluble when dry, environmentally safe around children, plants and animals, Non Toxic, Chlorine and PBDE free, paintable, stainable, easy application & clean up and also tested and certified, this is just to name a few, compare our products with other products in the industry and you'll see why we have the most searched for products on the market. Watch our videos and you'll see how our products work and how effective they are at protecting life and property.

Special Properties: AMEETUFF's fire retardant coatings & fire retardant sprays exceed Indian and international Fire Safety Codes and Standards, with a result of a Class A fire rating. Using fire retardant coatings or fire retardant sprays aren't just

AMEE TUFF FIRE RETARDENT COATING TECHNICAL SPECIFICATIONS

PRODUCT DATA

Type	: SILICON BASE
Composition	: Suitable pigmented catalyzed
Mixing Ratio	: n/a
Pot Life	: 4 to 6 hours
Application	: Brush, rollers, airless or conventional spray
Recommended DFT	: 100-125 microns per coat
Corresponding WFT	: 161-185 microns per coat
Theoretical Spreading Rate	: 4-6sq.mtr/kg
Drying Time	: Touch 1-2 hrs., Handle-6-8 hrs. Hard - Over Night
Curing Time	: 6-7 Days
Over coating Interval	: Min- 4hr / Max - 5 days
Flash Point	: Above 22°C
Colour	: As per Amex / RAL Shade Card/clear
Solubility	: Soluble in high boiled aromatic solvent for exterior : For interior Ameetuff F.R –water soluble
Specific Gravity at 25°C	: 1.21
Softening Point	: n/a
Solid Contents	: 65% to 75%
Hardness Test	: After 72 hrs
Distensibility (Ericlisem)	: 8 m.m.
Freezing Point	: -12°C
Effect on skin	: Nil
Packing	: 25 kg
Finish	: Semi Glossy/Matt

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 wooden surfaces , for thatching, wicker, rattan, dry grass huts, Wainscot Panelling, PRE-FINISHED PANELING, Stage Props, bamboo and similar materials can be treated, it may also be used to treat pre painted wood, lumber, plywood, reclaimed wood and more. Haunted Houses, Schools, Day Care Centres, Home Owners, residential contractors and commercial contractors use AMEETUFF's products, visit our application page to see more users and applications for our products

RESISTANCE GUIDE

Chemical Resistance

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

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WEATHERBILITY

Very Good in combination

FLEXIBILITY

Very Good

ABRASION RESISTANCE

Very Good

APPLICATION

Stir the base thoroughly to uniform consistency. Let the mixture mature,. Stir it again before and during application.

- Brush / Roller : Apply without thinning.
- Conventional Spray : Depending on conditions ,. Use any standard equipment at an atomising pressure of 3.5 - 4.2 kg/cm².
- Airless Spray : Preferable apply without thinning.. 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

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NOTES

1. The Coating should be used within the stipulated pot life period.
2. Don't 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. To avoid any undue damage to the coating and Spray equipments clean them with thinner.
4. No Inflammable activity should be carried out when application is under process./ for solvent base exterior F.R coating

DISCLAIMER

The information contained within this web page is based on information believed to be reliable at the time of its preparation. The Company will not be liable for loss or damage howsoever caused including liability of negligence which may be suffered by the user of the data contained herein. It is the user's responsibility to conduct all necessary tests to confirm the suitability of any product or system for their intended use. No guarantee of results is implied since conditions of use are beyond our control.