

FLAME STOP® III

PRODUCT DATA SHEET

FLAME STOP INC.
1-877-397-7867

DESCRIPTION:

Flame Stop III is a water-based, interior, fire-retardant paint additive that protects the material by developing a self-extinguishing reaction. One pint of this additive can be mixed into a gallon of most latex-based paints with up to two pints of water. Once mixed, the product assumes the characteristics of the paint. When the mixture of paint and Flame Stop III is applied to drywall, the material shall have a class A rating. When applied on wood, the material shall have a class B rating. Flame Stop III is non-toxic, non-combustible, non-carcinogenic, easy to apply, and contains no PDBE's.

BASIC USES:

Flame Stop III mixed with latex-based coatings and water will protect wood and gypsum board (drywall).

ADVANTAGES:

Flame Stop III is a one-coat, Class A paint additive when paint is applied on drywall and a Class B when applied on wood. This odorless and colorless additive can extend paint up to three pints (one pint of FS III and up to two pints of water).

LIMITATIONS:

Due to variances in paints, it is recommended that a test be performed utilizing a gallon of latex-based paint, one pint of Flame Stop III, and adding sufficient water to arrive at an acceptable viscosity. Some paints contain a high level of hydrocarbons which will cause the mixture to coagulate or curdle.

Storage Range: 45 – 110 degrees Fahrenheit (7 – 43 Celsius)

Shelf Life: One year, if kept within storage range.

A compatibility test is strongly recommended.

Interior use only.

Do not drill-mix

TECHNICAL SUPPORT

Total solids: 52%

Wt per gallon: 12.5 Lbs.

Average ph: 7.0

Color: Clear

Solvents: Water

**Bacterial: Good
resistance**

**Fungus: Good
resistance**

Volatility: None

Toxic: No

Biodegradable: Yes

**Corrosive: Mildly corrosive
on unplated steel**

Linear shrinkage: None

**Insects, rodents
and mold: Excellent
resistance**

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APPLICABLE STANDARDS:

Flame Stop III has been tested to the following standards: ASTM E-84, NFPA 255, UL 723: U.S. Testing #LA 62142, Omega Point Laboratories #8746-101530.

APPLICATION:

Mixing – Add one pint of Flame Stop III and one pint of water to one gallon of latex-based paint. Mix slowly with a paint stick, and the coating will become thick. Add additional water for desired viscosity; however, do not add more than two total pints of water to a gallon of paint. Mix the combination of paint and Flame Stop III when ready to apply.

Paint Application – Apply according to paint manufacturer’s instructions.



NOTES:

WARRANTY:

Seller’s and manufacturer’s only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith.