

PRODUCT DESCRIPTION:

Albi 107A is a solvent based synthetic coating. Recognized as the “standard of the industry,” Albi 107A provides excellent fire retardant properties due to its special formulation of intumescent components.

spread of flame and insulates the surface to which it is applied. Albi 107A reduces smoke development to low levels, critically important in assuring rapid escape from fire.

Designed for maximum protection of all combustible or noncombustible surfaces, it reacts to flame or heat at 300 degrees F by foaming into a thick cellular insulative blanket. This carbonaceous foam sharply limits the

Applied like conventional paint, this intumescent coating provides excellent durability and wear resistance as evidenced by wash, leaching and scrub ability tests.

RECOMMENDED USES:

Interior Applications: Combustible surfaces such as wood framing and paneling, trim, doors, cellulose fiber tile, insulation board and decorative displays. Noncombustible surfaces such as plaster and masonry corridors, stairwells, electrical control panels, supplementary protection to metal ducts and fire dampers.

with no significant loss in fire protection. The Albi 107A/144 System may be used for the following applications:

Exterior Applications: Albi 107A may be used for exterior applications by over coating with Albi 144 Fire-Inert Semi-Gloss Finish Coating to provide effective weather ability characteristics (See Albi 144 Data Sheet). Weatherometer test exposures of the Albi 107A/144 system for 1000 hours (equivalent to 3 years) of exterior exposure have shown excellent durability

Combustible Surfaces: Wood framing, siding soffit areas, enclosures, wooden fire escapes, job site offices, temporary partitions, scaffolding, etc. (The Albi 107A/144 System is not recommended for application to roof shingles.

Noncombustible Surfaces: Electrical control panels, ductwork, light steel framing.

TEST DATA & APPROVALS:

Albi 107A has been extensively tested by Underwriters’ Laboratories, Inc., the Federal Government, and is approved by major building codes and insurance rating organizations.

Retardant coating.

Tested by Underwriters’ Laboratories in accordance with ASTM E-84, Albi 107A meets the flame spread and smoke development requirements of a Class A Fire

Albi 107A was also subjected to a grueling 30 minute extension of the ASTM E-84 test procedure. This rating provides an equivalent to pressure treated, fire retardant lumber and is so approved by the State of California (Guide 2280) when applied in two coats at a rate of 87.5 Sq. Ft. per gallon per coat.

U.L., INC. TEST DATA:

Surface	Douglas Fir			Acoustical Tile
Coverage (Sq. ft. per gal)	175	150*	87.5	150
Number of Coats	1	1/1	2	1

U.L., INC. TEST DATA (cont.):

Surface	Douglas Fir			Acoustical Tile
Flame Spread	0-5	5	5	5-10

*One coat of Albi 144 Fire-Inert Coating applied over Albi 107A at the rate of 450 Sq. ft per gallon. Used wherever a semi-gloss finish is desired or extended wear protection of the Albi 107A Fire Retardant Coating is required in high traffic areas.

PHYSICAL PROPERTIES:

DRYING TIME:	Air Dry - 4 hrs.	FLASH POINT(TOC):	136 Deg F
RECOAT:	Allow overnight drying between coats.	SOLIDS BY WEIGHT:	71% ±5%
PACKAGING:	1 gallon 5 gallon and 55-gallon drums.	SOLIDS BY VOLUME:	55% ±5%
COLORS:	White and standard colors	WEIGHT/GALLON:	10.3 – 10.5 lbs
TINTING:	Universal Colorants not to exceed 2 oz per gallon	WET FILM THICKNESS:	10.0 - 19.5 Mils
COVERAGE:	87.5 - 175 sq. ft. per gallon	DRY FILM THICKNESS:	5.5 - 10.5 Mils
THINNER:	Albi 107A solvent	VISCOSITY:	95-100 Krebs Units

ARCHITECTURAL SPECIFICATIONS:

SURFACE PREPARATION: All surfaces must be clean, dry, and free of grease or any surface contamination that will impair or prevent proper adhesion. Glossy surfaces should be dulled to provide “tooth.” On previously coated surfaces, test for compatibility as Albi 107A contains aromatic solvents. Prime metal surfaces with Albi 487S. For masonry, drywall or plaster, seal surface before coating with Albi 107A of prime with Albi 107A thinned with one pint of solvent per gallon of coating.

MATERIAL: Fire retardant coating shall be Albi 107A as manufactured by Albi Manufacturing, Division of StanChem, Inc. or approved equal. Fire retardant coating shall be tested and classified by Underwriters’ Laboratories, Inc. offering evidence of Class A rating. Material shall be applied at the listed rate of coverage to

conform to the UL classification and to the intent of this specification.

For a semi-gloss finish or deep decorator color finish, overcoat Albi 107A Fire Retardant Coating with Albi 144 Fire-Inert Coating.

APPLICATION: Apply Albi 107A in one or multiple coats to achieve specific coverage rate. Allow overnight drying between coats. Albi 107A or Albi 144 can be applied by spray, brush or roller. For spraying consistency, thin with Albi 107A solvent not to exceed one pint per gallon.

Write for further test information on Albi 107A or our complete line of fire retardant coatings and fireproofing systems, or you may visit our web site: www.albi.com

SAFETY PRECAUTIONS:

Albi Cote 107A contains flammable solvents. Never apply material near an open flame or excessive heat. Proper ventilation should be provided especially in

enclosed areas. Avoid prolonged breathing of vapor, and repeated contact with skin. For safety information on Albi Cote 107A please request the current Material Safety Data Sheet.