

**PRODUCT DESCRIPTION:**

Albi 144 is a solvent based fire-inert, alkyd coating, available in a semi-gloss finish. Designed for use on non-combustible surfaces and as a topcoat for fire retardant coatings, it minimizes the potential fire hazard of conventional paints

Applied like conventional paint, this durable coating provides a wear-resistant surface with excellent washability, without affecting the fire rating of the substrate to which it is applied. Albi Cote 144 is available in a range of deep hues on special order.

**RECOMMENDED USES:**

Albi 144 fire-inert coatings is widely used for the following applications:

**Combustible Surfaces:** As a topcoat over fire retardant coatings on trim, doors, walls, paneling, and trade show displays, etc.

**Noncombustible Surfaces:** As a finish coat over plaster, masonry corridors, stairwells, exit ways and other public assembly areas.

**TEST DATA & APPROVALS:**

The performance properties of Albi 144 meet the requirements of Military Specification MIL-P-17970C.

Albi Cote 144 has also been tested by Underwriters' Laboratories in conjunction with Albi 107A in

accordance with ASTM E-84. Albi 107A/144 meets the flame spread and smoke development requirements of a Class A Fire Retardant coating. Albi 107A/144 system was also subjected to a grueling 30-minute extension of the ASTM E-84 test procedure.

**U.L., INC. TEST DATA:**

<b>Fire Retardant Coating</b>	<b>Albi 107A</b>	<b>Albi 107A / 144</b>
<b>Surface</b>	<b>Douglas Fir</b>	<b>Douglas Fir</b>
Coverage (Sq. ft. per gal)	150	150/450*
Flame Spread	15	15
Smoke Density	5	5

\*One coat of Albi Cote 144 fire-inert topcoat applied at a rate of 450 sq. ft. per gallon over Albi 107A without any change in flame spread.

## PHYSICAL PROPERTIES:

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<b>Drying Time:</b>	Air Dry (tack free) 4 hrs.	<b>Thinners:</b>	VMP, naphtha, mineral spirits or xylene
<b>Recoat:</b>	Allow 4 hours drying between coats.	<b>Flash Point (TOC):</b>	141 degrees F
<b>Packaging:</b>	1 gallon, 5 gallon and 55-gallon containers.	<b>Solids by Weight:</b>	74% - 76%
<b>Colors:</b>	Available in standard color range	<b>Solids by Volume:</b>	58% - 60%
<b>Tinting:</b>	Universal Colorants	<b>Weight/Gallon:</b>	10.3 – 10.5 lbs
<b>Coverage:</b>	<b>Non-Porous surfaces:</b> 350-450 sq. ft. per gallon @ 3.5 mils wet <b>Porous surfaces:</b> 150-200 sq. ft. per gallon @ 10 mils wet	<b>Reduction:</b>	Will vary from 4:1 to 8:1 depending on the solvent used
		<b>Viscosity:</b>	95-105 Krebs Units

## ARCHITECTURAL SPECIFICATIONS:

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**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 144 contains aromatic solvents.

**MATERIAL:** Fire retardant coating shall be Albi Cote 144 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.

**APPLICATION:** Apply Albi 144 in one or more full, level coats by brush, roller or spray equipment. For spraying consistency, thin with recommended solvents only

*Write for further test information on Albi 144 or our complete line of fire retardant coatings and fireproofing systems, or you may visit our web site: [www.albi.com](http://www.albi.com)*

## SAFETY PRECAUTIONS:

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Albi Cote 144 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 144 please request the current Material Safety Data Sheet.