

PRODUCT DESCRIPTION:

Albi Cote FRL-X is a water-based, co-polymer intumescent fireproofing coating, which provides excellent fire-retardant properties. Albi Cote FRL-X is odor-free and offers the advantages of easy application and cleanup. This durable fire-retardant coating provides a serviceable, wash-resistant flat finish for a wide variety of interior applications. Designed for interior use, Albi Cote FRL-X is a quick drying special coating that reacts to flame or heat by expanding into a thick multicellular insulating blanket. This intumescent carbonaceous foam sharply limits the spread of flame and insulates the surface to which it is applied. Albi Cote FRL-X provides a decorative, washable and mar-resistant finish.

TEST DATA:

Albi Cote FRL-X has been tested by Underwriters' Laboratories, Inc. in accordance with ASTM E-84 (30-minute extension and UL 723), CAN/ULC S102 and ASTM E-2768. The FRL-X is certified for use in the United States and Canada. FRL-X is accepted by major building codes and insurance ratings organizations as an approved interior finish coating where such classification is required.

10 minute burn Class A rating. ASTM E-84; 1 coat @ 171 sq. ft. per gallon. (9.2 mils WFT AND 4.5 mils DFT). 30 minute burn Class A rating. ASTM E-84; 2 coats @ 148 sq. ft. per gallon (10.7 mils WFT and 5.2 mils DFT).

RECOMMENDED USES:

Albi Cote FRL-X is recommended as a decorative interior finish for the protection of combustible wall and ceiling surfaces such as wood, fiberboard, plywood, particle board, etc. and as supplementary low flame spread and low smoke density protection when applied to plaster, gypsum wallboard, cinder block, etc. Albi Cote FRL-X is specially designed for application to combustible areas of public assembly such as restaurants, nursing homes, schools, corridors, stairwells, etc., where odor-free, quick drying features are desired.

TEST APPROVALS:

PHYSICAL PROPERTIES:**DRYING TIME:** Tack Free 30 min

Recoat 4 Hours

RECOAT: Two hours between coats.**PACKAGING:** 1 gallon, 5 gallon and 55-gallon containers.**COLOR:** White**TINTING:** Universal Water-based Colorants
not to exceed 2 oz per gallon.**GLOSS/SHEEN:** Flat (< 10 @ 60°)**FLASH POINT:** Closed Cup - no flash**SOLIDS BY WEIGHT:** 61 (± 1) %**SOLIDS BY VOLUME:** 48 (± 1) %**WEIGHT/GALLON:** 11.3 (± 0.2) lbs**WET FILM THICKNESS:** 10.7 Mils**DRY FILM THICKNESS:** 5.2 Mils**VISCOSITY:** 90 - 105 Krebs Units**FLAME SPREAD RATING:** Class A**VOC** < 50 gram/liter**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. Repair cracks or gouges with spackling compounds or wood putty. Sand smooth and remove all dust. On glossy surfaces, sand lightly to provide "tooth." For metal surfaces, clean and prime with rust preventative metal primer such as Albi 490W or equivalent.

MATERIAL: Fire retardant coating shall be Albi Cote FRL-X as manufactured by Albi Protective Coatings, Division of StanChem Polymers. Fire retardant coating shall be tested and classified by Underwriters Laboratories in accordance with ASTM E-84 (30-minute extension and UL 723), CAN/ULC S102 and ASTM E-2768 Class A flame spread 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 Cote FRL-X in one or multiple coats to achieve specific coverage rate, assuring compliance with intent of specifications. Albi Cote FRL-X can be applied by conventional air, airless spray, brush or roller.

SAFETY PRECAUTIONS:

Avoid contact with eyes and skin. Use with adequate ventilation. Do not apply at temperatures below 50° F. Keep material from freezing (32° F). Do not store material at temperatures greater than 90° F. For safety information on Albi Cote FRL-X please request the current Safety Data Sheet.