



- Thin-film, intumescent fire protective paint for wood, sheet rock, and other interior substrates
- Attractive water-based architectural finish rated for up to two hours fire protection
- Complies with all building codes for use in new construction, historic restoration, defective construction, and many other applications.





Environment

Interior products have a significant impact on indoor air quality, and can emit hundreds of chemicals into the air that building occupants breathe. GREENGUARD Certification helps provide assurance that products are low-emitting, and contribute to healthier interiors.

Representative samples of products that have achieved GREENGUARD Certification have been tested and certified to meet some of the world's most rigorous, thirdparty chemical emissions standards—helping reduce indoor air pollution and the risk of chemical exposure while aiding in the creation of healthier indoor environments. GREENGUARD Certification has been widely adopted as a trusted standard for low-emitting products. In fact, more than 400 green building codes, standards, guidelines, procurements policies, and rating systems recognize or reference GREENGUARD Certified products. To confirm continuous low emissions performance, GREENGUARD Certified products are required to undergo regular compliance testing on critical components.

Certification Types

GREENGUARD Certification is an internationally recognized product emissions certification and labeling program for manufacturers of low-emitting indoor products, furnishings, and materials. Products can be certified under two different standards:

- GREENGUARD Certification is the first voluntary North American productemissions certification created specifically for commercial building products. This certification verifies that products meet stringent chemical emission limits originally developed as purchasing specifications for building projects for the US Environmental Protection Agency and the State of Washington. GREENGUARD Certified products are compliant with stringent emission levels for over 360 VOCs, plus a limit on the total of all chemical emissions combined (TVOC).
- GREENGUARD Gold Certification includes safety factors to account for sensitive individuals (such as children and the elderly) and helps ensure that a product is acceptable for use in environments such as schools and healthcare facilities. In addition to limiting emissions of over 360 VOCs and total chemical emissions, GREENGUARD Gold Certified products must also comply with requirements of the State of California's Department of Public Health "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.2, 2017 (also known as California Section 01350).

The Competitive Advantage

GREENGUARD Certification provides a competitive advantage in an increasingly "green washed" marketplace by serving as a health-based differentiator. Once products are certified, manufacturers can label products with the GREENGUARD Certification mark and list them the GREENGUARD Sustainable Product Guide, a purchasing tool used by thousands of architects, interior designers, building managers and other specifying professionals. The free, online product guide is available at www.greenguard.org.

Why Choose UL Environment?

Built on UL's century-long legacy of trust, UL Environment empowers both manufacturers and purchasers to transform their environmental stewardship into true market leadership. We enable manufacturers to create better products in a more environmentally-responsible way, and enable customers to make smarter, more environmentally-preferable purchasing decisions.

How to Get Started

For more information on UL Environment's services and how they can benefit your company, visit www.ul.com/environment.

View the GREENGUARD Product Guide for certified products, including:

- Furniture
- Mattresses
- Textiles
- Flooring
- Ceiling Systems
- Building Materials
- Paints, Coatings and Adhesives
- Wallcoverings
- Cleaning and Maintenance Products
- Electronic Products



To learn more, visit ul.com/environment or call 1.888.485.4733

ALBI COTE FRL-X

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.

Albi Cote FRL-X can be tinted using water-based colorants.

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.

TEST DATA:

Albi Cote FRL-X has been tested by Underwriters' Laboratories, Inc. in accordance with ASTM E-84, UL 723, CAN/ULC S102 and ASTM E-2768 30-minute extension. 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 @ 150 sq. ft. per gallon (10.7 mils WFT AND 5.2 mils DFT)

30 minute burn Class A rating, ASTM E-84; 2 coats @ 150 sq. ft. per gallon (10.7 mils WFT and 5.2 mils DFT)

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 <45 g/L

ALBI COTE APPLICATIONS

- Restaurants
- Nursing Homes
- Schools
- Corridors
- Stairwells

RECOMMENDED USES:

- Walls and Ceilings
- Wood
- Fiberboard
- Plywood
- Particle Board
- As a supplementary fire retardant on plaster, gypsum wallboard and cinder blocks



For all Albi Cote FRL-X information, go to www.albi.com
For no cost material estimates, please contact Albi.

Also inquire about these fireproofing products from Albi:

Albi Clad TF+

Water-based intumescent fireproofing for interior structural steel. TF+ is UL classified for 1-4 hours of protection, leaving a smooth architectural finish.

Albi Clad 800

Intumescent fireproofing, withstands severe weathering and abuse

Albi DriClad

Low-cost, uniform density mineral board that installs dry year-round

Albi Cote TB

The first coating to pass NFPA 286 over foam. A single application, water-based, one-part, non-flammable intumescent coating for interior use

Albi Cote IB

Non-flammable water-based intumescent coating that complies with AC 377 ICCES for interior use



ALBI PROTECTIVE COATINGS



For 75 years, Albi fireproofing materials have demonstrated superior performance and reliability under a range of extreme environments worldwide. These proprietary formulations also meet global building codes and insurance requirements. Lightweight Albi materials provide long-term protection, outstanding durability, aesthetic properties and are completely free from asbestos.



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Made in the USA