



- Field Proven for 75 Years
- Water-based, Thin-film Intumescent Fireproofing
- Architectural Finish for Exposed Interior Structural Steel
- Complies with All VOC Air Quality Standards
- UL Classified for Up to 4 Hours



## DESCRIPTION

Albi Clad TF+ (Thin Film) is a water-based intumescent fireproofing for interior general purpose use on exposed structural steel. Unlike ordinary fireproofing, Albi Clad TF+ is applied at minimum thickness for a smooth, architectural finish. It represents a breakthrough in interior fire protection. Albi Clad TF+ is spray-applied and offers up to 4 hours fire protection. Architects and other specifiers can use Albi Clad TF+ as an attractive interior finish, but still conform to building codes and insurance requirements.



## ALBI CLAD TF+ ADVANTAGES

- UL Classified to 1 to 4 hours to ASTM E119 and UL 263
- Water based
- Lightweight, thin-film application
- Maintains contour of substrate
- Architectural, decorative finish
- Factory formulated, single component
- Low VOC, <50 g/L

## WHERE TO SPECIFY

Albi Clad TF+ is applied in commercial buildings where architectural designs call for an aesthetic, thin, decorative finish. Albi Clad TF+ is ideal for interior steel columns, beams, tubes, trusses and other exposed structural members.

## PROVEN PERFORMANCE

For 75 years, Albi fireproofing materials have demonstrated superior performance worldwide in a range of extreme environments. Lightweight, ultrathin Albi Clad TF+ delivers long-term protection with outstanding hardness and durability. Albi developed the first water-based, thin film intumescent fireproofing material classified by Underwriters Laboratories. Albi Clad TF+ is the next generation in a long history of field-proven intumescent fireproofing materials. UL's rigorous environmental and laboratory testing procedures assure you of a durable, high-performance intumescent fireproofing product.

## EASY APPLICATION

Apply Albi Clad TF+ directly from the shipping container by means of airless spray equipment. The fire endurance rating specification determines the thickness of the coating. Albi Clad TF+ must be applied by qualified, factory trained applicators in accordance with the manufacturer's printed instructions, and in compliance with specific test requirements. As a water-based compound, Albi Clad TF+ must be protected from freezing during shipping, storage, application and curing. Contact the manufacturer for specific application parameters. Standard spray application is 35-40 mils WFT per coat. Multiple coats per day can be applied, up to 75-100 mils WFT per day.



UL Design Y649: For use in US and Canada approved through test protocol UL 263 and CAN-ULC S101. Details fire ratings for wide flange steel columns. Provides ratings for 1-4 hours.

UL Design Y650: For use in US and Canada approved through test protocol UL 263 and CAN-ULC S101. Details fire ratings for HSS square and rectangular steel tubes, as well as pipes. Provides ratings for 1-3 hours.

UL Design N649: For use in US and Canada approved through test protocol UL 263 and CAN-ULC S101. Details fire ratings for individual wide flange beams that are supporting a concrete deck. This provides ratings for 1-3 hours for beams in either restrained or unrestrained conditions.

UL Design D998: For use in US and Canada approved through test protocol UL 263 and CAN-ULC S101. Details fire ratings for complete floor assemblies featuring a concrete deck and steel beams or joists, where fireproofing is only needed on the steel. Fire ratings on beams can be substituted from UL Design N649. Provides ratings for 1-3 hours for assemblies in either restrained or unrestrained conditions.



### TYPICAL INSTALLATIONS

- Hospitals
- Hotel Atriums
- Warehouses
- Parking Garages
- School Gymnasiums
- Clean Rooms
- Convention Centers



## PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	VALUE
Hardness	ASTM D2240	67 Shore D
Bond Strength	ASTM D4541	485psi
Abrasion Resistance	ASTM D4060	0.111 grams loss
Impact Resistance	ASTM D2794	160 inch – lb
Weight per Gallon		11.5 ± .5 lbs./gals
% Solids by weight		70% ± 2.0%
Flame Spread	ASTM E84	5 - Class A
Smoke Developed	ASTM E84	35 - Class A

For all Albi Clad TF+ information, go to [www.albi.com](http://www.albi.com).  
For no cost material estimates, please contact Albi.

### Albi Clad 800

Intumescent fireproofing, withstands severe weathering and abuse

### Albi DriClad

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

### Albi Clad FP

Water-based, thin film intumescent fireproofing providing one hour resistance for exposed wood, wallboard, and other combustible assemblies

Also inquire about these fireproofing products from Albi:

### Albi Cote FRL-X

Water-based Class-A intumescent for wood, sheetrock and other combustible substrates

### 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, American made 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 and aesthetic properties.

### Albi Protective Coatings, Division of StanChem, Inc.

401 Berlin Street, East Berlin, Connecticut 06023 U.S.A.

Tel: (860) 828-0571

[www.albi.com](http://www.albi.com)

[info@albi.com](mailto:info@albi.com)



Made in the USA

