• 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

Albi
Protective Coatings
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.

www.albi.com

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

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## Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardness</td>
<td>ASTM D2240</td>
<td>80 Shore D</td>
</tr>
<tr>
<td>Bond Strength</td>
<td>ASTM D4541</td>
<td>485psi</td>
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<tr>
<td>Abrasion Resistance</td>
<td>ASTM D4060</td>
<td>0.60 grams loss</td>
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<tr>
<td>Impact Resistance</td>
<td>ASTM D2794</td>
<td>160 inch - lb</td>
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<tr>
<td>Weight per Gallon</td>
<td></td>
<td>11.5 ± .5 lbs/gals</td>
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<tr>
<td>% Solids by weight</td>
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<td>70% ± 2.0%</td>
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<tr>
<td>Flame Spread</td>
<td>ASTM E84</td>
<td>5 - Class A</td>
</tr>
<tr>
<td>Smoke Developed</td>
<td>ASTM E84</td>
<td>3.5 - Class A</td>
</tr>
</tbody>
</table>

For all Albi Clad TF+ information, go to www.albi.com. For no cost material estimates, please contact Albi.

### Albi Clad 800
Intumescent fireproofing, withstands severe weathering and abuse

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

### 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 info@albi.com

Made in the USA