Individually owned chemical manufacturing company catering to specialty markets for over 70 years.

Operating Divisions:

- Albi Manufacturing
- Specialty Coatings
- StanChem Polymers
Albi Manufacturing

- The Albi Manufacturing Co was started in the late 1940’s based on the development of new fire retardant technologies providing protection to:
  - Canvas
  - Wood
  - Textiles
- In the early 1960’s this chemistry was adapted to develop fireproofing for structural steel. We continue today to be a leader in the development, testing and selling of fire protective coatings. Coupled with Albi technology is our global Albi brand strength and name awareness.
Considerations in Fireproofing Structural Steel

- Fire Test Standard UL 263, ASTM E119
- Hourly fire rating
- Product suitability given environment
  - Interior - ULI interior environmental testing
  - Exterior - ULI exterior environmental testing
- Physical properties
- Finish appearance
  - Concealed steel
  - Exposed steel
Albi Products

• Albi Clad TF – intumescent, thin film fireproofing for interior structural steel
• Albi Clad 800 – intumescent fireproofing for exterior structural steel
• Albi Clad FP – intumescent, thin film fireproofing for interior wood construction, defective construction & historic renovation
• Albi DriClad – mineral fiberboard fireproofing for structural steel
Albi Advantages

- **Albi Clads provide:**
  - Extremely strong global brand strength, product awareness and excellent reputation
  - Proven in-place performance since 1960
  - Widely specified by the major engineering and architectural firms
  - Accepted by all model building code groups

- **Albi DriClad provides:**
  - Economy of application
  - Ease of application, no surface preparation
  - Accepted by all model building code groups
Albi DriClad

- Mineral fiberboard interior fireproofing
- Factory-controlled density, thickness and appearance
- ULI Listed to 4 hours fire protection
- Year-round, dry application – no disruption to other trades
Albi DriClad Advantages

• Supplied in 4 x 6 feet sheets
• Easily cut with table saw, hand saw, or knife
• Boxed configuration, no surface prep
• Fastened with Albi Screws™ for fast run-down
• Year-round application – minimal disruption to other trades
• Shipped stretch-wrapped on pallets for easy handling
ALBI DRICLAD: FREQUENTLY ASKED QUESTIONS

- **SUITABLE LOCATIONS**

1. Can Albi DriClad be used in both interior and exterior locations?
   - No, DriClad is designed for interior use.

2. Can you use Albi DriClad in an interior, unheated space? What about a covered parking garage?
   - Yes, Albi DriClad is durable and highly moisture resistant. It is well suited to semi-exposed conditions such as parking garages.
1. What does Albi DriClad look like?

The boards have a flat surface with minor ridges. They are yellowish beige in color. When installed, DriClad forms a snug protective box around the steel member. The appearance is clean, uniform, and crisp, and offers an attractive alternative to conventional, sprayed fireproofing.

2. Can DriClad be painted?

Yes. The DriClad boards can be painted to achieve a desired color. Paint will tend to soak into the board, giving the effect of a colored board, rather than a slick painted surface.
1. Why does Albi stress UL ratings?

Underwriters Laboratories Inc is the undisputed leader in the evaluation of fire resistive construction materials. UL’s specialized facilities, fire test experience, rigorous impartiality, and wide acceptance by code officials are unmatched by other testing bodies. We participate in the UL follow-up service program which is your assurance that the product sold continues to match the product tested.

2. What is the maximum hourly rating you can achieve?

Albi DriClad is rated by UL for up to 4 hours.
3. Does Albi DriClad comply with BOCA, SBCC, ICBO and IBC requirements?

Yes, all Albi products are designed to meet all relevant local, state and regional building codes, including BOCA, SBCC, ICBO and IBC.

STEEL SIZES AND CONFIGURATIONS

1. What is the minimum steel size?

For wide flange columns, the minimum size is W10 x 49, or any steel size with a minimum W/D of .83. For wide flange beams, the minimum size is W 8 x 31, or any steel size with a W/D of .79. For structural pipes and tubes, the minimum A/P is .25.
3. How do you best fireproof a steel truss?

- It depends on the size of the truss. For a large truss, you treat the component parts as individual pieces of steel, using the column designs. On a steel joist, made of smaller members, you would box the entire assembly with Albi DriClad.
• ABOUT THE MATERIAL

1. Does Albi DriClad contain asbestos?
• No. All Albi products are free of asbestos.

2. What is DriClad made of?
• Albi DriClad is made from a process starting with molten basalt rock, which is spun into fine threads, impregnated with a specific resin and compressed into semi rigid boards. It is fastened with our Albi Screw™ system.
4. Will DriClad spall, or crack?
No. The material will not spall or crack, as the boards are made of spun mineral fibers and resin, with no cementitious component.

5. Is fungus or bacteria a problem?
No. DriClad has been tested to ASTM C665 and shows no fungus or bacteria growth. It is chemically inert and highly moisture resistant.

INSTALLATION OF THE PRODUCT

1. What trade applies the Albi DriClad?
It can be installed by approved Albi applicators, or by contractors accustomed to installing board materials, carpenters, fireproofing and firestop contractors.
2. Does Albi DriClad require specialized equipment for installation?

No. Albi DriClad is easily installed with standard tools. The boards are cut with a table saw, knife or hand saw. The boards must be fastened with our Albi Screws™ system.

3. Do any weather conditions restrict installation of Albi DriClad?

One of the advantages of Albi DriClad is that it can be installed year round, in all weather conditions.
4. Can Albi DriClad sustain partial exposure to the elements while a building is under construction? How long?

Albi DriClad is quite a forgiving material, and can handle indirect exposure to weather during installation, until the building is closed up. However, it is an interior product. It should not be exposed to direct weathering, or left unprotected for a prolonged time if building completion is delayed.

CONSIDERING SPECIFYING ALBI DRICLAD

1. We are in the process of doing a feasibility study. How can we estimate budget costs for Albi DriClad?

All of our Albi sales representatives can provide estimating and budget cost details. You can download budget information from our website, request help from our regional sales managers, or find information in our Albi binder.
2. Where can I get further information about specific questions I have regarding Albi DriClad?

Contact Albi Manufacturing for answers to your specific questions. Quite a bit of printed information is available on our website www.albi.com including brochures, product data sheets, estimating and budget information, application guides, and long form specifications which you can download in PDF format.
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