



Albi DriClad is a semi rigid board manufactured from molten volcanic rock which is spun into fine threads, impregnated with a special resin and compressed to form

a durable, yet easy to use material which has superior fire resistance properties. Albi DriClad is used to fireproof structural steel and is installed using Albi DriClad screws.

RECOMMENDED USES:

Albi DriClad is listed by Underwriter's Laboratories, Inc. and is designed for rapid installation to columns, beams, floor/ceiling, and roof/ceiling assemblies for fire ratings up to 3 hours. Due to its high moisture resistance Albi

DriClad is suitable for application to both interior and exterior surfaces which are initially exposed to the weather during construction. Albi DriClad can also be used in semi exposed conditions such as parking garages.

FEATURES:

- UL listed for 1 to 3 hours to ASTM E-119.
- Albi DriClad is a dry applied system which is unaffected by the condition of the steel substrate.
- DriClad is a dry fix system eliminating the requirement to mask or protect adjacent structures.
- DriClad can be applied on open construction site in wet or freezing conditions no winter hold ups.
- Accepted by building codes and insurance carriers.
- Manufactured to the highest factory standards. resulting in easier and faster site inspections.

APPLICATION:

Albi DriClad is supplied in standard board sizes 48" x 72" with a minimum $\frac{3}{4}$ " thickness, palletized and shrink-wrapped. The board can be cut using a table saw of broad knife. Strips 4" wide x $1\frac{1}{2}$ " minimum thickness are cut to fit tightly between the top and bottom flanges 24" on center. Albi DriClad is then cut and installed to box the

steel and is held in place with Albi DriClad screws at a minimum 6" on center. Refer to the ULI Fire Resistance directory for the ULI Designs and details for each listing. Please refer to our field Installation manual for specific design and application details.

PHYSICAL PROPERTIES:

PROPERTY	TEST METHOD	VALUE
Dry Applied Density	—	10.5 PCF (average)
Tensile Strength	ASTM C 209	155 PSF
Compressive Strength @ 10%	ASTM C165	936 PSF
Moisture Absorption	ASTM C209	less than 0.50 % (by volume)
Moisture Adsorption	ASTM C553	less than 0.30 % (by volume)
Deflection	ASTM E 759	No Delamination
Corrosion & Fungi Resistance	ASTM C665	Non Corrosive/ No Fungi Growth
Leachable Chlorides	ASTM C871	No Leachable Chlorides
Thermal Conductivity (R Value)	ASTM C158	4.2 per inch
Sound Adsorption	ASTM C423	NRC 0.80
Fire hazard Classification	ASTM E 136	Non Combustible
Flame Spread	ASTM E84	Class A
Smoke Developed	ASTM E84	Class A

Rev: 12/00

WARRANTY

LIMITED WARRANTY/LIMITATION OF LIABILITY: Seller warrants that its products will meet the specifications which it sets for them. Seller's responsibility under this warranty will be limited solely to replacing the products which prove defective, provided that Buyer gives Seller prompt notice in writing of said defect and satisfactory proof thereof. Products may be returned to Seller only after written authorization has been obtained from Seller. The foregoing warranty is in lieu of all other warranties, whether oral, written, express, implied or statutory. IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WILL NOT APPLY. Technical or other advice is furnished by us solely as an accommodation and shall not increase the scope of our responsibilities or liability. Seller's warranty obligations and Buyer's remedies hereunder are solely and exclusively as stated herein: In no event will Seller be liable either for the labor and other associated costs incurred in replacing the product, including, but not limited to, its removal and application, or for other incidental or consequential damages.