

L2-2 Liner Panel

TECHNICAL DATA SHEET



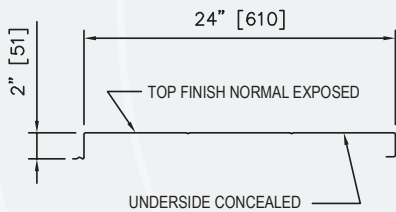
DESCRIPTION

The L2-2 liner offers additional strength and a 2" [51mm] cavity for additional insulation capability. L2-2 is utilized for normal wind loading conditions and air and water infiltration requirements. This steel liner panel has factory caulked side joints that provide a vapor barrier. The liner performs in conjunction with the subgirt and exterior panel to support the applied design loads.

Note: Liners may require planking on roofs to support construction loads. Liner panels cannot be used as single skin walls or roofs.

GENERAL DESIGN OPTIONS

L2-2 LINER PANEL	
PANEL THICKNESS	2" [51mm]
PANEL COVERAGE	24" [610mm]
END LAP	Field Notched & Lapped (See Standard Detail)
SIDE LAP	Shop Caulked & Overlapped
BASE MATERIAL	G90 galvanized; 37,000 psi [255 MPa] yield
STANDARD GAUGE	20 [0.91mm], 22 [0.76mm]
OPTIONAL GAUGE	18 [1.19mm], 24 [0.60mm]
STANDARD PANEL LENGTHS ¹	5 ft. [1.524m] to 30 ft. [9.144m]
FINISHES ²	Consult CENTRIA
STANDARD TEXTURE	Smooth
OPTIONAL TEXTURE	Embossed ³
PROTECTIVE COATING	See Chart in Finishes Section



SPECIAL APPLICATIONS

Information is available on special applications such as fire-rated walls, sound absorbing walls, sound resisting walls, corrosive exposure considerations, pressure release walls, special material and coating requirements as well as many other pertinent subjects; contact your local CENTRIA Sales Representative.

ACCESSORIES

1. Sealants (factory applied)
2. Fasteners
3. Brake-formed flashings
4. Flat stock
5. Subgirts
6. Semi-rigid board glass fiber insulation
7. Others as required for job completion




1. Alternate panel lengths, and finishes may also be available. Oil canning within mill tolerances will not be cause for rejection.
 2. Versacor Elite is not available.
 3. Embossing is non-directional.

DESIGN FEATURES AND BENEFITS

- Provides a finished interior to an exterior wall assembly while concealing and protecting the insulation
- The liner performs in conjunction with the subgirt and a exterior panel to support the applied design loads
- Adds structural capacity and an increase in air and water infiltration performance
- Creates an air and vapor barrier for the building enclosure



L2-2 LINER PANEL TESTING

TEST	TEST METHOD	TEST TITLE	RESULTS
 FIRE US	ASTM E119/UL 263	Fire Tests of Building Construction and Materials	Up to a 4-hr fire resistance rating available. See UL Fire Resistance Directory for tested assemblies.
 THERMAL PERFORMANCE	ASTM C1363	Thermal Performance of Building Materials and Envelope Assemblies	U-values range from 0.051 to 0.114 depending on design of assembly. Contact CENTRIA for more information.
 ACOUSTIC	ASTM E90	Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements	STC values range from 31 to 48 depending on design of assembly. Contact CENTRIA for more information.
	*ASTM C423	Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method	NRC values range from 0.85 to 1.00 depending on design of assembly. Contact CENTRIA for more information.

* Liner Panels are only available in G90 galvanized steel. Aluminum, zinc, and stainless steel are not available. Liner Panels must be perforated in order to achieve an NRC rating; therefore, to limit rusting of perforations CENTRIA recommends enclosed, low-moisture applications only if an NRC rating is required.

NOTES

- Panel length tolerance is +/- 1/4" [6mm].
- For information on special applications, contact your local CENTRIA Sales Representative.
- Maximum support spacing and panel length may be limited for medium and dark colors due to thermal stress, consult CENTRIA.