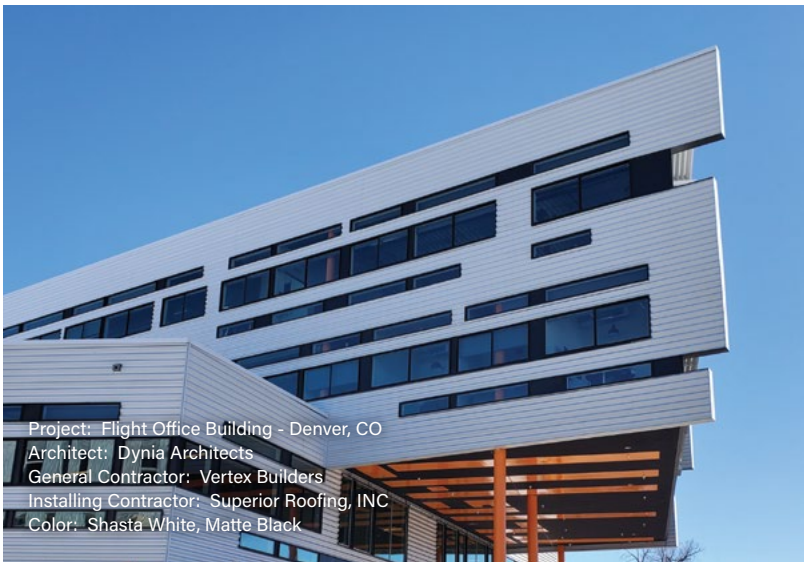
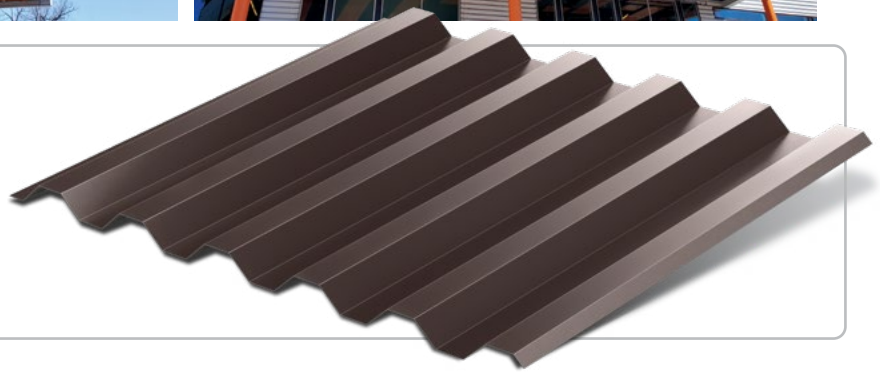
Berridge Deep-Deck Panel

EXPOSED FASTENER PANEL SYSTEM



The Berridge Deep-Deck Panel is a corrugated panel with structural properties that is installed with exposed fasteners horizontally or vertically.

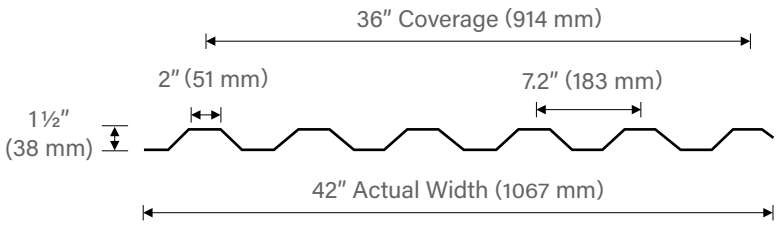


Materials

24 and 22 Gauge Steel
0.032 and 0.040 Aluminum

Specifications

Uses: Roof, Wall, Soffit, Ceiling, Fascia, Sheathing, Screen Wall
Coverage: 36″
Finishes: Smooth
Fasteners: Exposed
Applications: Open framing or solid sheathing*



Installation

- Panel is available from the factory in continuous lengths to a maximum of 40′
- Structural properties allow it to be utilized as a sheathing option
- Deep deck rubber closures to help prevent air infiltration at ridges, eaves, head walls, etc.
- Use expandable foam filler tape per installation details as closure at hips and valleys
- Use mastic sealant tape per installation details at panel endlap, sidelaps, skylights, with foam closures, etc.
- Estimate 120 fasteners/sq

Note:
* Vertical or horizontal for wall applications.

Pictured Above
Project: NOBAY Village
Architect: WMB-ROI Architecture
General Contractor: RODDA Construction, Inc.
Installing Contractor: CA Systems
Color: Acrylic-Coated Galvalume®

BERRIDGE DEEP-DECK PANEL TESTING AND CERTIFICATION SUMMARY CHART

CATEGORY		CHARACTERISTIC	TEST METHOD	PURPOSE	RESULT
PERFORMANCE	❑	Uplift Resistance	ASTM E-1592	Test method to determine uplift resistance of open framing systems	See Load Chart on Berridge website
FIRE	■	Room Fire Performance	UL 790	Test methods for fire tests of roof coverings	Class A Rating
ENVIRONMENTAL	■	Impact Resistance	UL 2218	Impact resistance of prepared roof coverings	Class 4 Rating
AIR AND MOISTURE	❑	Water Penetration	ASTM E-1646	Test method for water penetration of metal roofs by uniform static air pressure difference	No Leakage at 6.24 PSF Pressure Differential
	❑	Air Leakage	ASTM E-1680	Test method for rate of air leakage through exterior metal roofs	Less than 0.01 CFM at 6.24 PSF Pressure Differential
PRODUCT LISTINGS	❑	Florida Product Approval	TAS 125	Local and state approval of products and systems for compliance with the structural requirements of the Florida Building Code	FL# 14210.5 (24 or 22 GA-Purlins/Girts) FL# 18522.1 (0.032 AL-Purlins)
	■	Underwriters Laboratories	UL 580 Uplift Class 90	Standard for Tests for Uplift Resistance of Roof Assemblies	Construction No. 244 (Open Framing)
	❑	TDI Listed	ASTM E-1592	Texas Department of Insurance Listing for wind capacities	RC-558 (24 or 22 GA-Purlins) RC-557 (0.032 AL-Purlins)
	❑	ICC-ES	UL 580	Capacity report by the International Code Counsel	ESR-3486 (24 GA or 22 GA - Purlins) ESR- 4712 (24 GA or 22 GA - Girts; 0.032 AL or 0.040 AL - Girts)

■ - Steel only ❑ - Steel and Aluminum
For further details please visit www.berridge.com

CORPORATE HEADQUARTERS
2610 Harry Wurzbach Road
San Antonio, TX 78209
(800) 669-0009
www.Berridge.com