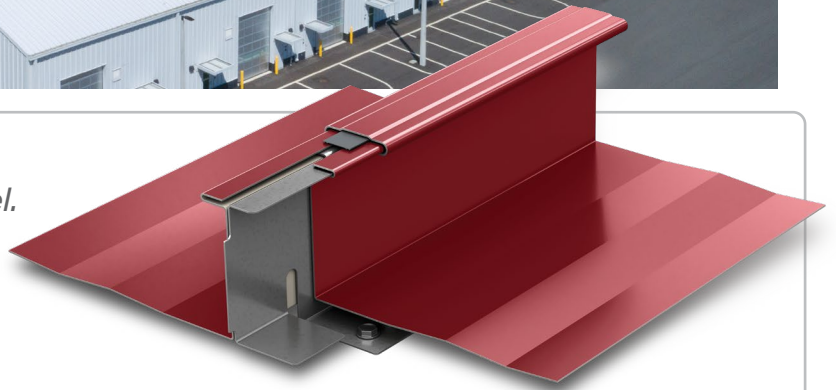


Berridge Tee-Lock Panel

STANDING SEAM SYSTEM



The Berridge Tee-Lock Panel is a symmetrical architectural and structural standing seam panel. Its robust and weathertight connection offers enhanced performance in solid deck and open framing applications.



Materials

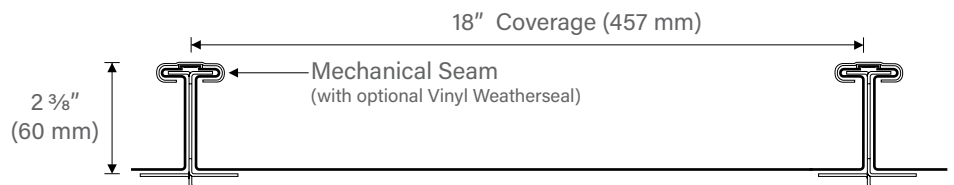
24 and 22 Gauge Steel
0.032 and 0.040 Aluminum

Specifications

Uses: Roofing, Fascia*
Coverage: 18", 16" optional exposure**
Finishes: Striated, optional smooth
Fasteners: Concealed
Applications: Open framing, solid sheathing***
Seam: 2 3/8" mechanically seamed sidelap with optional extruded vinyl weatherseal

Installation

- Panel is available from the factory in continuous lengths to a maximum of 40'
- May be site formed in continuous lengths with the Berridge TP-24 Roll Former
- Tee-Lock Seam Cap is available from the factory in continuous lengths to a maximum of 40'
- Seam caps can be spliced in the field for panel applications longer than 40'
- Panel seams can be removed for panel replacement
- Panel is mechanically seamed in the field using the Tee-Lock Panel Seamer in a single pass



- Vinyl weatherseal required for open framing applications and watertightness warranties
- Use Stainless Steel Tee-Lock Clip with Aluminum panels
- Use Continuous Tee-Rib Clip for high wind uplift pressures and on open-framing applications

Note:

- * Requires flashing break from roof to fascia.
- ** Consult Berridge for availability
- *** Entire roof area shall be covered with Berridge approved underlayment

Pictured Above

Project: SunTrax - Auburndale, FL
Architect: Jacobs Engineering
General Contractor: Alston Construction
Installing Contractor: Martin Roofing Services, INC.
Color: Shasta White

BERRIDGE TEE-LOCK PANEL TESTING AND CERTIFICATION SUMMARY CHART

| CATEGORY | CHARACTERISTIC | TEST METHOD | PURPOSE | RESULT |
|-------------------------|---|---------------------------|---|--|
| PERFORMANCE | <input type="checkbox"/> Underwriters Laboratories | UL 580/UL 1897 | Test method to determine uplift resistance of roof assemblies | See Load Chart on Berridge website |
| | <input checked="" type="checkbox"/> Uplift Resistance | ASTM E-1592 | Test method to determine uplift resistance of open framing systems | See Load Chart on Berridge website |
| FIRE | <input type="checkbox"/> Room Fire Performance | UL 790 | Test methods for fire tests of roof coverings | Class A Rating |
| ENVIRONMENTAL | <input type="checkbox"/> Impact Resistance | UL 2218 | Impact resistance of prepared roof coverings | Class 4 Rating |
| AIR AND MOISTURE | <input type="checkbox"/> Water Penetration | ASTM E-1646 ASTM E-331 | Test method for water penetration of metal roofs by uniform static air pressure difference | No Leakage at 6.24 PSF Pressure Differential |
| | <input type="checkbox"/> Air Leakage | ASTM E-1680 ASTM E-283 | Test method for rate of air leakage through exterior metal roofs | Less than 0.01 CFM at 6.24 PSF Pressure Differential |
| PRODUCT LISTINGS | <input type="checkbox"/> Underwriters Laboratories | UL 580 Uplift Class 90 | Standard for Tests for Uplift Resistance of Roof Assemblies | Construction No. 268 (Purlins - Steel Only) Construction No. 268A (Steel Deck) Construction No. 268B (Plywood) |
| | <input checked="" type="checkbox"/> Factory Mutual Global | FMG 4471 | Approval Standards for Class 1 Roofs | Roofnav # 459261-0-0 (I-150 SH Wind - Steel Deck) Roofnav # 459264-0-0 (I-240 SH Wind - Purlins) |
| | <input type="checkbox"/> TDI Listed | UL 580 ASTM E-1592 | Texas Department of Insurance Listing for wind capacities | RC-502 (24 GA - Purlins) RC-503 (24 GA - Steel Deck) RC-504 (24 GA - Plywood) RC-562 (0.032 AL - Insulated Metal Deck) |
| | <input type="checkbox"/> 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# 20321.2 (24 GA - Insulated Metal Deck) FL# 20321.1 (24 GA - Plywood) FL# 24225.1 (24 GA - Purlins) FL # 20321.3 (0.032 AL - Insulated Metal Deck) |
| | <input type="checkbox"/> ICC-ES | UL 580 | Capacity report by the International Code Counsel | ESR-3486 (24 GA or 22 GA - Plywood; 24 GA or 22 GA - Steel Deck; 0.032 AL or 0.044 AL - Steel Deck; 24 GA or 22 GA - Purlins) |

- Steel only - Steel and Aluminum
 For further details please visit www.Berridge.com



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