

BERRIDGE TESTING AND CERTIFICATIONS SUMMARY CHART

■ - Steel only □ - Steel and Aluminum

STANDING SEAM ROOF PANELS	Wind			Fire		Impact	Wind		Wind and Water					Wind	FL PRODUCT APPROVAL	MIAMI DADE	TDI LISTED	ICC-ES Report	CEGS 07416
	UL 580	UL 90	UL 1897	UL 790	UL 263	UL 2218	ASTM E-1592	ASTM E-330	ASTM E-2140	ASTM E-1646	ASTM E-1680	ASTM E-331	ASTM E-283	FM 4471					
Tee-Panel		□		□	■	□				□	□	□	□		■				
High Seam Tee-Panel*		■		■	■	■				□	□	□	□		■				
Tee-Lock Panel	□	□	□	□		□	■			□	□	□	□	■	□	■	□		
Cee-Lock Panel**	□	□	□	□	■	□	■			■	■	■	■		□	■	□	■	
Zee-Lock Panel (Single Lock)**	■	■	■	□	■	□	■			■	■	■	■		■		■	■	
Double-Lock Zee-Lock Panel**	□	■	□	□	■	□	■			■	■	■	■	■	□	□	□	■	
OTHER ROOF SYSTEMS	UL 580	UL 90	UL 1897	UL 790	UL 263	UL 2218	ASTM E-1592	ASTM E-330	ASTM E-2140	ASTM E-1646	ASTM E-1680	ASTM E-331	ASTM E-283	FM 4471	FL PRODUCT APPROVAL	MIAMI DADE	TDI LISTED	ICC-ES Report	CEGS 07416
Bermuda Panel		■		■		■									■				
Spanish Tile	■		■	■		■									■		■		
S-Tile	■		■	■		■	■								■		■		
Batten Seam Panel		■		■	■	■									■†				
Victorian & Classic Shingles	■		■												■	■	■		
Fish Scale Shingle																			
Curved Flat Seam Panel																			
"M" & "R" Panel		■		■		■									■				
Deep-Deck Panel		■		■		■	□			□	□				□		□		
S-Deck Panel				■		■	□								□		□		
Double-Rib Panel		■		■		■									■				
FASCIA, WALL & SOFFIT PANELS	UL 580	UL 90	UL 1897	UL 790	UL 263	UL 2218	ASTM E-1592	ASTM E-330	ASTM E-2140	ASTM E-1646	ASTM E-1680	ASTM E-331	ASTM E-283	FM 4471	FL PRODUCT APPROVAL	MIAMI DADE	TDI LISTED	ICC-ES Report	CEGS 07416
HS-8 & HS-12 Panels***							□					□	□		□		□		
HR-4*** & HR-16 Panels							□					□	□		□ ‡	■ ‡	□ ‡		
HC-16 Panel***							□					□	□		□		□		
BR-12 Panel***							□					□	□		□		□		
Vee-Panel																			
FW-1025 & FW-12 Panels							□					□	□		□	■	□		
L-Panel							■								■	■	■		
B-6 Panel										■									
Flush Seam Panel										■			■		■				
Thin-Line Panel										■					■				
Fluted Fascia										■					■				

For actual test results, technical questions, fastener types, fastener spacing or job-specific engineering, please contact the Berridge Technical Department at (800) 669-0009 or technical@berridge.com. Updates and additional testing are added on a continual basis. Consult the Berridge Technical Department for the latest updates.

* 1" tall seam is UL-90 wind uplift approved for both steel and aluminum. 1 1/2" tall seam is UL-90 wind uplift approved for steel only;

** Use continuous ribs for ASTM E-1646, ASTM E-1680, ASTM E-331, and ASTM E-283 compliance;

*** See HR-16 Panel for test results on ASTM E-331 and ASTM E-283 with similar panel seams;

† Approved only with Zee-Lock (Single Lock) assembly;

‡ HR-16 only approved.

UL 90 - Uplift test of roof system.
 UL 1897 - Uplift test of roof system.
 UL 790 - Fire test of roof system.
 UL 263 - Fire test of construction and materials.
 UL 2218 - Impact resistance of prepared roof covering materials.

ASTM E-1592 - Structural performance of sheet metal roof and siding systems by uniform static air pressure difference.
 ASTM E-330 - Structural performance of exterior windows, doors, skylights, and curtain walls by uniform static air pressure difference.

ASTM E-2140 - Water penetration of metal roof panel systems by static water pressure head.
 ASTM E-1646 - Water penetration of exterior metal roof panel systems by uniform static air pressure difference.
 ASTM E-1680 - Rate of air leakage through exterior metal roof panel systems.
 ASTM E-331 - Water penetration of exterior windows, skylights, doors, and curtain walls by uniform static air pressure difference.
 ASTM E-283 - Rate of air leakage through exterior windows, curtain walls, and doors under specified pressure differences across the specimen.

FM 4471 - This standard states approval requirements for Class 1 panel roofs. A Class 1 panel roof meets the criteria of this standard for fire, wind, foot traffic, and hail damage resistance. Florida Product Approval - Standard of practice for product evaluations and consistency of enforcement for the state of Florida. Miami-Dade Approval - Established with its main goal to allow new and innovated ideas to be developed into useful, practical, lasting, and safe products for use in high velocity hurricane zones.

All information subject to change without notice. See website for details, specifications, and Watertightness Warranty requirements.

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