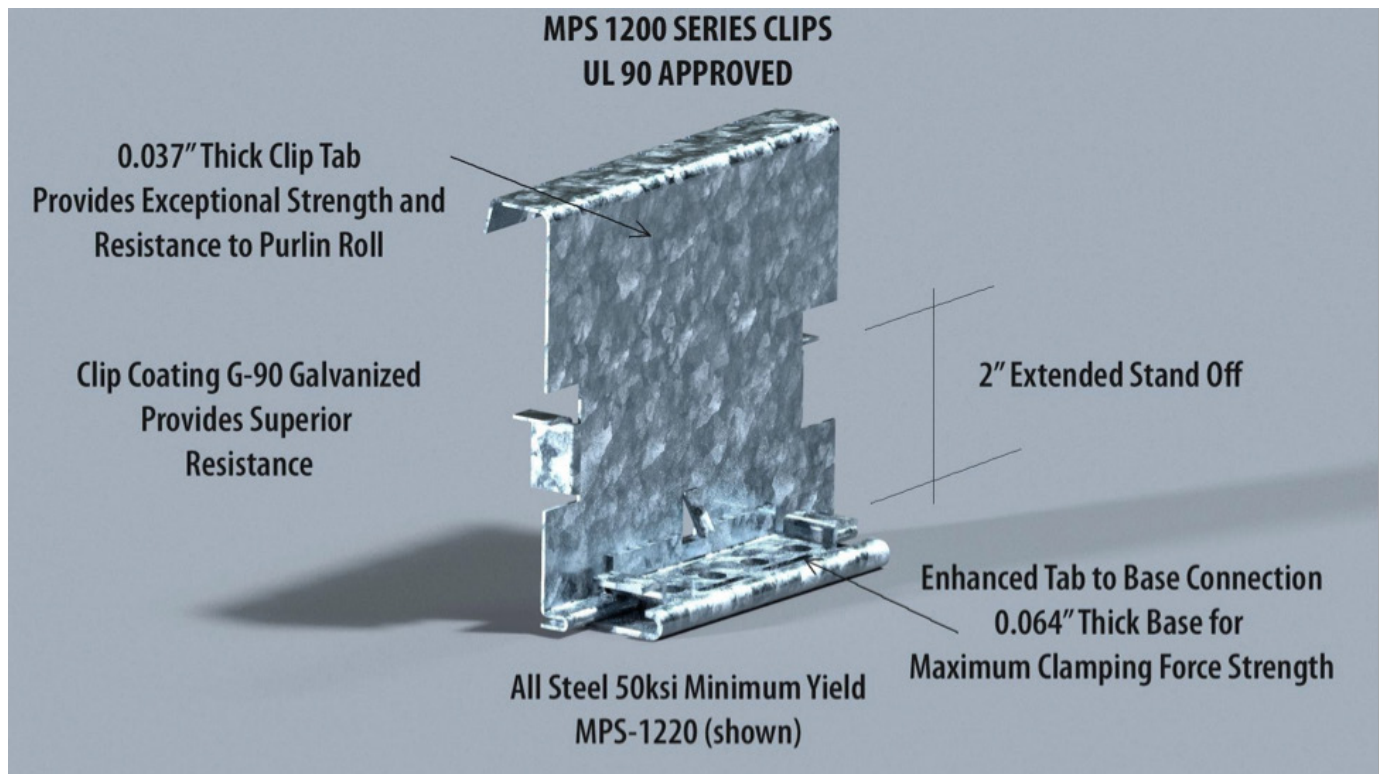


Panel Craft™ MPS 1200 Series (Moveable Purlin Stabilizing) Clips



The Superior Seam Technology MPS 1200 Series (Moveable Purlin Stabilizing) clips for the PanelCraft™ 216/218 roof system is the benchmark for vertical rib roof systems for new or retrofit applications.

MPS 1200 Series (Movable Purlin Stabilizing) Clip Advantages:

- Unmatched uplift performance - up to 235 psf design loads **without** external wind clamps. This allows sub-framing to retain 5'-0" spacing at most wind speeds.
- Corrosion resistance provided by G-90 construction for base and tab per ASTM A -653
- Long four hole base (0.064" @ 50 ksi Fy min) provides positive connection point for improved purlin stability.
- Patented tab (0.037" @ 50 ksi Fy min) with fingers increases side lap shear and seam integrity.
- Three standoff heights provide design flexibility (1/2", 1 1/2" and 2" extended standoff).
- The 2" standoff clip provides more space allowing greater insulation thickness for increased thermal performance.
- This clip series applicable for use with our partners:
 - **R-Seal** Provides R and U Values Comparable to IMP while reducing cost and installation time.
 - **Sealed N Safe** Provides Increased Thermal Performance with Traditional Blanket Insulation
- The 2" standoff clip allows the panel system to be installed (retrofit) directly over through fastened panels without costly sub framing systems.
- UL 90 Approved : Construction numbers 506, 506A and 506B

PANEL CRAFT MPS 1200 SERIES CLIPS



PanelCraft 216 - Allowable Wind Uplift Loads – All Loads in Pounds per Square Foot 24 Gauge Material (Fy = 50ksi) with MPS 1200 Series Clips

TripleLok Seam Test Report: C2518-1		
Span	Ultimate Load	Design Load
2.0	358.4	210.6
5.0	156.7	92.0

QuadLok Seam		
Span	Ultimate Load	Design Load
2.0	400.0	235.0
5.0	167.5	98.2

1. The above tabulated loads are generated from certified ASTM E-1592 testing using BRS' MPS 1200 series clips and a BRS compliant seamer. These design loads are not valid with other clips or seamers.
2. Design loads contain a safety factor calculated per AISI.
3. These load capacities are for the panel itself. Frames, purlins, clips, fasteners, and all supports must be designed to resist all loads imposed by the panel.
4. Allowable wind uplift loads have not been increased by 33% as allowed by some codes when wind load controls.
5. This material is subject to change without notice. Contact Building Research Systems for most current values.
6. MPS 1200 Series Clips: MPS 1203, MPS 1213 and MPS 1220

ASTM E1680-95 (2018) C2629-1			
Test Number	Static Pressure Difference psf	Design Load	
		cfm/ft2	cfm/lin. ft
1	1.57	0.0002	0.0003
2	6.24	0.0005	0.0006
3	12.00	0.0009	0.0013
4	20.00	0.0020	0.0026
5	40.00	0.0049	0.0066

ASTM E1646-95 (2018) C2629-1		
Test Number	Static Pressure Difference psf	Water Infiltration
1	12	None
2	39	None
3	50	None

ASTM E2140-01(2017) C2630-1
Passed 24hrs - No Observed Leaks