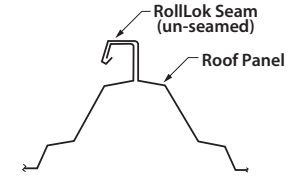
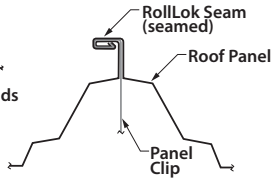
STRONGSEAM™ PANELS TS324 PANEL

METAL PANELS INC.™

RollLok ™ Seam

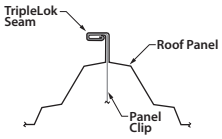


Between Panel Clips & Panel Ends

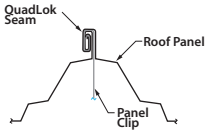


@ Panel Clips & Panel Ends

TripleLok ™ Seam

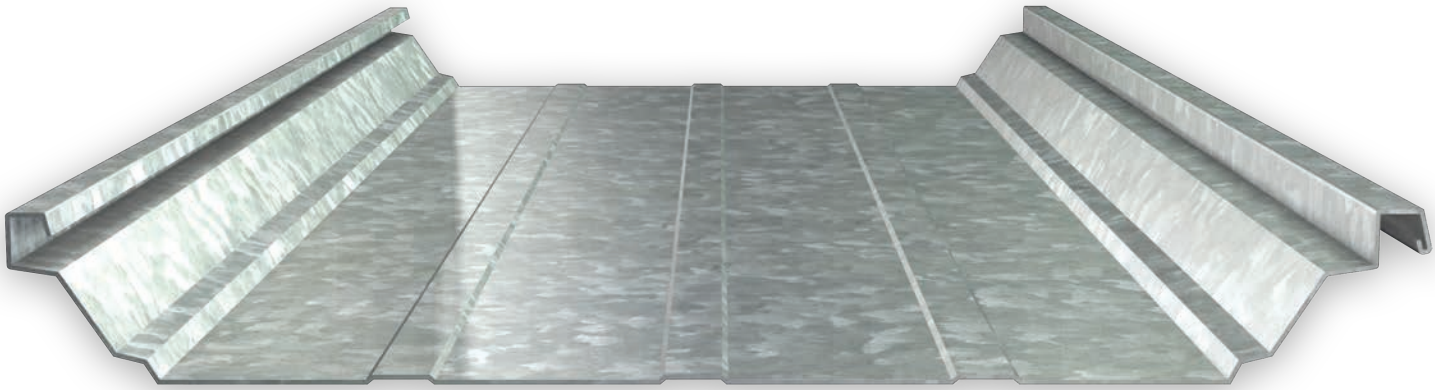


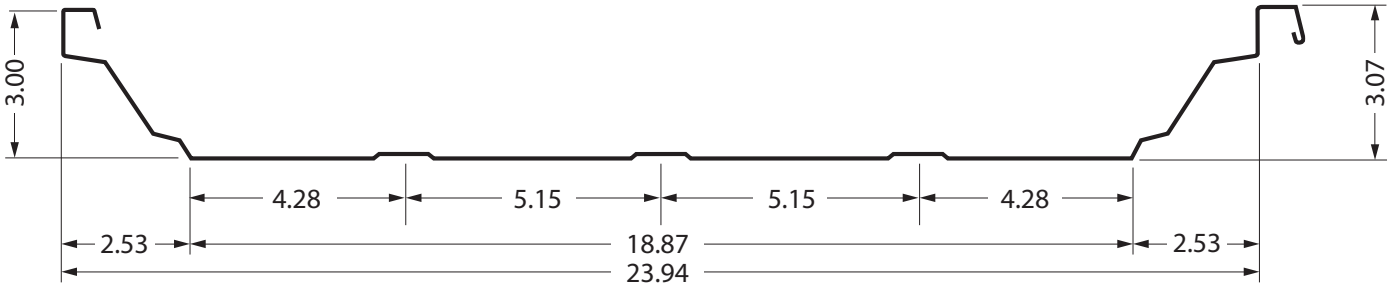
QuadLok ™ Seam



AT A GLANCE:

- One panel profile with three seam options
- Multiple patented clip options for higher uplift ratings
- Outperforms competing panels without requiring external seam clamps
- Industry's air/water infiltration performance highest values
- Higher ASTME 1592 loads than competing panels
- Superior weathertightness utilizing proprietary Superior Seam Technology™-SST .
- Patented High Capacity Starter/Rake and pre-punched eave perimeter plates are 4X stronger for high wind uplift at edge and corner zones
- Patented technology allows for up to 7" of thermal cycle panel travel
- Available in 24 and 22 ga., stocked in 24 ga. galvalume and polar white, all other colors custom order





nominal 24" coverage with clip insertion

The MPI TS324 roof system design performance provides a contractor an economical solution to meet and/or exceed the higher wind/uplift loads including the stricter edge and corner zones while allowing longer span designs the industry now demands. The panel system's three unique field seaming options: RollLok™, TripleLok™ and QuadLok™ allow for superior performance and design. Minimum recommended slope is ¼:12.

 • 866-674-7657 • www.metalpanelsinc.com

TS-324 Superior Seam Technology Perfomance

ASTM E 1592 Uplift Test Results

Purlin Spacing	Panel Gauge	Clip Length	Ultimate Load	Design Load
RollLok				
2'-0	24	4"	104.0	61.1
5'-0	24	4"	48.5	28.3
2'-0	22	4"	114.4	57.2
5'-0	22	4"	67.6	33.8
TripleLok				
2'-6	24	4"	145.6	85.5
5'-0	24	4"	72.8	42.8
2'-0	22	4"	245.0	122.5
5'-0	22	4"	88.0	44.0
2'-0	24	8"	180.5	106.0
5'-0	24	8"	88.4	51.9
2'-0	24	12"	217.6	127.8
5'-0	24	12"	105.0	61.5
2'-0	24	16"	254.8	149.7
5'-0	24	16"	121.7	71.2
QuadLok				
2'-0	24	4"	185.5	108.8
5'-0	24	4"	91.9	53.9
2'-0	22	4"	315.0	157.5
5'-0	22	4"	112.0	56.0
2'-0	24	8"	246.7	144.8
5'-0	24	8"	117.0	68.7
2'-0	24	12"	360.0	183.3
5'-0	24	12"	170.0	84.4

1.)Design loads contain a safety factor calculated per AISI.
2.)Allowable wind uplift loads have not been increased by 33% as allowed by some codes when wind load controls.
3.)Test report values based on use of a BRS compliant seamer.

ASTM E1680-95 (2003)

Test Number	Static Pressure Difference	Air Infiltration Rate	
	psf	cfm/ft_2	cfm/lin.ft
1	1.57	0.0007	0.0015
2	6.24	0.0018	0.0035
3	30.00	0.0042	0.0083
4	40.00	0.0046	0.0093

ASTM E1646-95 (2003)

None @ 12 psf, 30psf and 50psf

SST SUPERIOR SEAM TECHNOLOGY

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9/27/2021