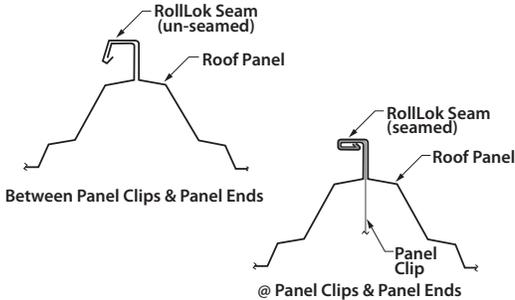


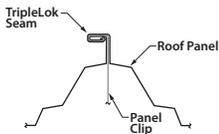
STRONGSEAM™ PANELS TS324 PANEL



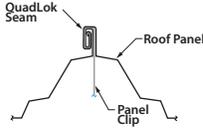
RollLok™ Seam



TripleLok™ Seam

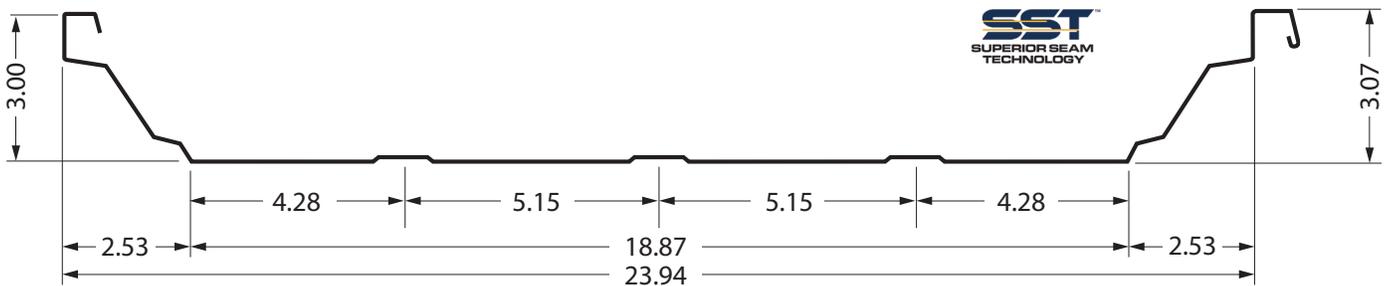
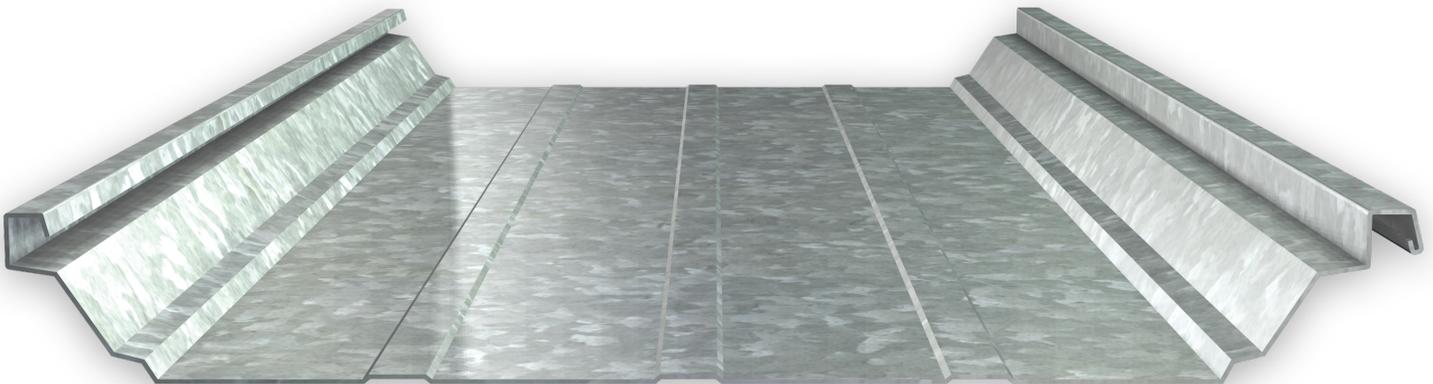


QuadLok™ Seam



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 ASTM E 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



UL LISTED
UL90 #522,522A,522B
UL2218 Class IV/Impact
UL790 Class A/Fire

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 1/4:12.

TS-324 Superior Seam Technology Performance

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

