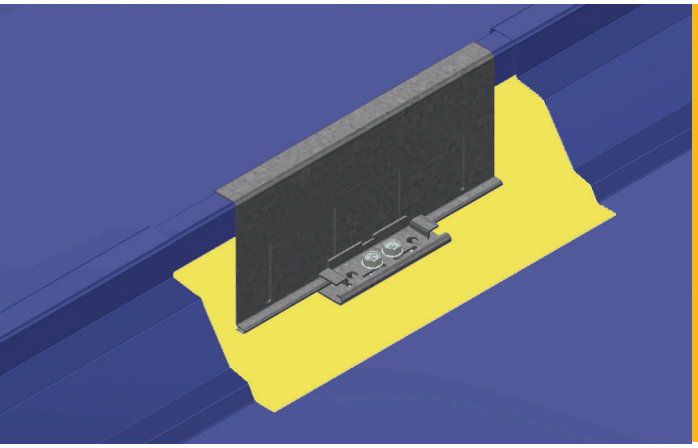
Roofing Innovations for Tomorrow's Challenges

TS-324 BA WIND CLIPS

PART NUMBERS:

BA 602-8
BA 602-12
BA 602-16
BA 603-8
BA 603-12
BA 603-16



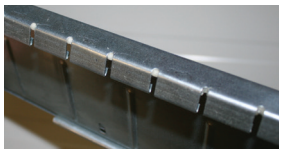
- Engineered for maximum efficiency in high wind zones
- Install just like standard clips. No special installation instructions or tools required.
- Allows for more capacity while using fewer clips, possibly reducing the need for additional purlins/joists
- Place zonally for uplift or expansion as required
- Available in 3 different lengths
- All clips are fashioned from G-90 galvanized steel

BEST SOLUTION FOR HIGH WIND ZONES

Typical solutions for high wind zones has been to add more purlins and clips or using seam clamps. These solutions not only increase cost and labor, seam clamps are not aesthetically pleasing.

The BRS WindClip is the best solution for High Wind Zones. The BA WindClip series comes in 3 different lengths to provide increasing levels of uplift capacity (see load tables on reverse side).

The BA WindClip also allows for greater expansion and contraction making it possible to fix the roof system at eave for longer panel runs up to 500'-0" without using an expensive rafter step downs or expansion joint fixing the roof system in the middle.



Engineered and patented "fingers" across the top of the tab ease seaming and increases side lap sheer capacity once the panels are seamed.

TS-324 BA WIND CLIPS

TS-324 ALLOWABLE WIND UPLIFT LOADS

All Loads in Pounds per Square Foot

24 Gauge Material (Fy = 50 ksi) with BA-602-8 or BA-603-8 Clip and BRS Approved Seamer

TripleLok Seam

Span	1592 Test Ultimate Load	1592 Design Load	COE Design Load
2.0	180.5	106.0	109.4
2.5		97.0	100.1
3.0		86.4	89.1
3.5		74.1	76.4
4.0		64.8	66.8
4.5		57.6	59.4
5.0	88.4	51.9	53.6

QuadLok Seam

Span	1592 Test Ultimate Load	1592 Design Load	COE Design Load
2.0	246.7	144.8	149.5
2.5		132.2	136.4
3.0		114.4	118.0
3.5		98.1	101.2
4.0		85.8	88.5
4.5		76.3	78.7
5.0	117.0	68.7	70.9

24 Gauge Material (Fy = 50 ksi) with BA-602-12 or BA-603-12 Clip and BRS Approved Seamer

TripleLok Seam

Span	1592 Test Ultimate Load	1592 Design Load	COE Design Load
2.0	217.6	127.8	131.9
2.5		116.8	120.5
3.0		102.6	105.8
3.5		87.9	90.7
4.0		76.9	79.3
4.5		68.4	70.6
5.0	105.0	61.5	63.6

QuadLok Seam

Span	1592 Test Ultimate Load	1592 Design Load	COE Design Load
2.0	312	183.3	189.1
2.5		166.8	172.1
3.0		140.7	145.1
3.5		120.6	124.4
4.0		105.5	108.9
4.5		93.8	96.8
5.0	143.8	84.4	87.2

24 Gauge Material (Fy = 50 ksi) with BA-602-16 or BA-603-16 Clip and BRS Approved Seamer

TripleLok Seam

Span	1592 Test Ultimate Load	1592 Design Load	COE Design Load
2.0	254.8	149.7	154.4
2.5		136.6	140.9
3.0		118.7	122.4
3.5		101.7	104.9
4.0		89.0	91.8
4.5		79.1	81.6
5.0	121.7	71.2	73.8

Notes:

1. The above tabulated loads are generated from certified ASTM E-1592 testing using BRS's WindClips and BRS Approved seamers. These design loads are not valid with other clips or seamers.
2. Intermediate design loads are interpolated from ultimate test loads.
3. Design loads contain safety factors calculated per AISI.
4. COE design load contains a 1.65 safety factor per COE 07416 Specification.
5. 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.
6. Allowable wind uplift loads have not been increased by 33% as allowed by some codes when wind load controls.
7. This material is subject to change with out notice. Contact Building Research Systems for most current values.

SST™ SUPERIOR SEAM TECHNOLOGY

DESIGNING SOLUTIONS FOR TOMORROW

BRS