

BA WindClip™

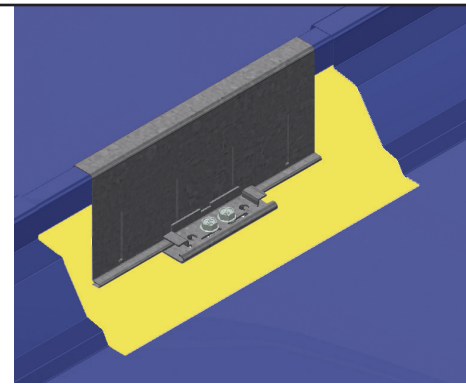


PART NUMBERS:

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

Innovative Engineering and Design

- Engineered for Maximum Efficiency for High Wind Zones and Uplift Locations
- Standard Clip Installation -No Special Tools or Instructions Required
- More Wind Uplift Capacity with Fewer Clips- reduced possibility for additional purlins/joists and costs associated with added steel
- Flexible Clip Placement to Control Wind Uplift and Corner/Edge Zones as required
- Addresses Thermal Cycle Expansion when used in conjunction with High-Capacity Starter/Rake Plates with up to 7" of Travel -most expansion obtainable
- Excellent for ultra-long panel runs up to 500'-0" eliminates mid-slope roof fixity
- No Expensive Mid-slope Rafter Step Downs or Expansion Joints - panels fixed at eave
- Reduced Labor Costs Due to Fewer Clips Being Installed
- Two (2) Field seaming Options : TripleLok® or QuadLok®
- Achieves Highest Wind Uplift Values
- Three (3) Different Clip Lengths 8", 12", and 16" -available for challenging zonal/code/engineering design requirements
- Different Clip Lengths Provide Increasing Levels of Uplift Capacity- See load tables
- Galvanized G-90 Material for Longevity/Durability
- Precision Stamped Parts Adhere to Strict Design Performance Tolerances
- No Need for Seam Clamps – clips outperform other systems using seam clamps(roof warts) not aesthetically pleasing
- Patented Engineered "Fingers" across Top of Clip Tab -eases seaming and increases side lap capacity after panels are seamed



BA WindClip™

“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.