

BERMUDA ROOFING CLIP

1 of 2

PRODUCT DESCRIPTION

Kaidisen Bermuda Roofing Clip is a snap-on fastener made of spring temper stainless steel formed wire developed specifically for the Kaidisen Bermuda Roofing System.

RECOMMENDED USE

Kaidisen Bermuda Roofing Clip is the primary fastener of the Kaidisen Bermuda Roofing System. Typically, use one clip per slate (or 0.75 SF). Enhanced performance can be achieved by adding clips. Kaidisen Bermuda Roofing System forms a monolithic shell anchored with clips embedded within mortar forming a network of anchors that hold the unified structure to the batten system. The clip provides a degree of freedom allowing the roof to remain rigid while moving differentially from the frame of the structure.

APPEARANCE

2 d surface mill finish

TECHNICAL DATA

Results taken from ASTM E8 ASTM E8 / E8M - 08 Standard Test Methods for Tension Testing of Metallic Materials per Miami Dade County Notification ATI 08044

Material	Type 304 Stainless Steel
Diameter	0.135 inch
Peak Load	3,161 lbf
Modulus of Elasticity	38,079,533 psi
Load at Offset	2,629 lbf
Tensile Strength	220,000 psi
Yield Stress	188,167 psi
Elongation	8.28%

APPLICATION

For standard application (up to 116 PSF per Miami Dade NOA) place one clip per slate at the top center of each slate.

For higher wind uplift resistant design (up to 131 PSF per Miami Dade NOA) place two clips per slate at quarter points. For wind lift design requirements beyond 131 PSF consult manufacturer.

INSTALLATION

Position clips near the center of each Bermuda Roofing Slate as much as possible given the anticipated interference from the vertical battens. For applications of more than one clip per slate distribute the clips over the top edge of slate as evenly as the vertical battens will allow. For applications requiring greater wind uplift resistance, consult with manufacturer.

Push clips into position from above slate and lock them onto the underside of the horizontal battens. After clip snaps into position pull up to raise clip as far into mortar bed as bottom leg will allow. Back and bottom legs of clip should be solidly in contact with batten.

At perimeter of roof and where clips cannot be inserted, use coated screws and plates to fasten Kaidisen Bermuda Roofing Slate.

For low sloping application

Use **Kaidisen Bermuda Roofing Z Clips**