



TalonLock Flat VE

TalonLock Flat VE ANSI/SPRI ES-1 INSTALLATION GUIDE

This installation guide will cover the required installation techniques for all ANSI/SPRI FM4435 ES-1 certified components manufactured by MetalWyze. Any deviation from these published instructions requires formal approval and confirmation of testing to maintain warrantability.

Step 1: Place the cleat squarely on the edge of the roof over the wood nailer. Install the 22ga G-90 Continuous Cleats securely along the wall. Fasten the continuous cleats 12" on center using #10-13x1.5" Stainless Steel Panhead Wood screws. For miter application, miter cut into corners as required to maintain a continuous cleat line with no interruption. Then fasten at a minimum of 6" in each direction from the corner or as engineering has dictated. Butt cleat ends and apply tube sealant over butted cleat ends.

Step 2: Locate the miter covers and 6" concealed splice plates for the appropriate corners. Installation will begin at the corner zones. Apply a bead of tube sealant inside each miter end and place a splice plate under each end of the miter section. Install the Coping with Continuous Cleat miter by hooking the face side of the cover onto the cleat and rotating the cover back over the parapet.

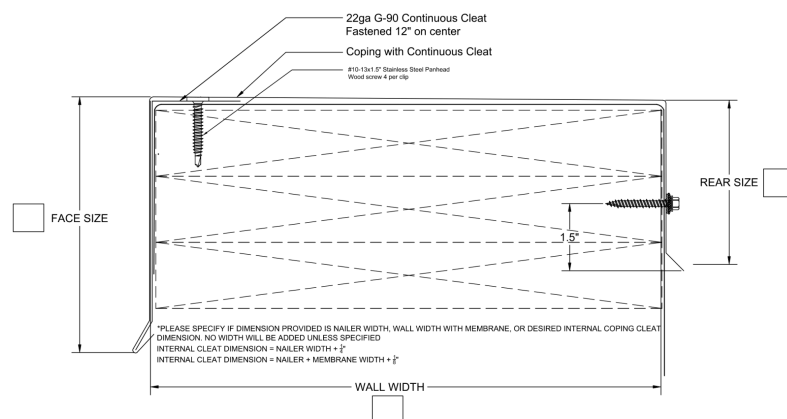
Step 3: Locate the end caps and end terminations, if applicable. Apply a bead of tube sealant inside each end termination detail and place a splice plate under each of the end termination details. Install the Coping with Continuous Cleat by hooking the face side of the cover onto the cleat and rotating the cover back over the parapet.

Step 4: Apply a bead of tube sealant onto the splice plate of the miter or end termination detail.

Install the Coping with Continuous Cleat by hooking the face side of the cover onto the cleat and rotating the cover back into position. Allow for a 1/8" gap between sequential lengths to accommodate for thermal movement. Apply tube sealant to each end of the splice plate and insert into cover metal prior to engaging. Repeat splice plate installation for each joint.

NOTES:

- Remove protective film prior to installing cover material, protective film will become difficult to remove following exposure to UV.
- Isolate all metal components from ACQ treated wood or other galvanically incompatible materials by using roofing membrane or other separation materials.



CONTINUOUS CLEAT COPING