

ACE CLAMP[®] COLOR Snap[®]-M

Color Snap[®]-M INSTALLATION INSTRUCTIONS

Required Components

Color Snap[®] Rail (8' or 10' lengths)

Internal Connectors
(used to connect lengths of rail together)

MCP Mounting System
(with Snap Connector installed)

REQUIRED TOOLS:



Industrial grade screw-gun



9/16" hex socket & adaptor for screwgun



chalk line or laser



Dial indicator torque wrench



Hand-held heat gun and roller

Let's begin the installation

MCP Installation: Follow the instructions that apply to the specific roof membrane for the correct installation of the Color Snap[®] MCP (Membrane Covered Plate) mounting system.

Only technicians trained in single-ply membrane installation should install this product. Always check with the specific roof system manufacturer for installation criteria and written acceptance of the intended application prior to starting installation. *Failure to do so could void the roof warranty.*

(See step-by-step MCP instructions on reverse.)

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Steps 1-6, MCP Installation

Mark location on roof where MCP is to be installed. Prepare membrane surface at each location in accordance with membrane manufacturer's requirements.

STEP #1



Install recommended fastener through the roof and decking (min. penetration $\frac{3}{4}$ " for steel and 1" for wood) using the depth gauge provided, allowing the fastener head to sit firmly on the gauge. Do not overdrive this fastener.

STEP #2



Locate the notch on the perimeter of the MCP flange and note how it aligns with the stamped hole on the underside of the MCP plate.

STEP #3



Position the MCP over the head of the fastener and slide as shown.

STEP #4



Lift the elastomeric flange and install eight additional fasteners through the MCP steel plate, hitting the top flutes in the deck. *Do not fold or crease the membrane during fastener installation.*

STEP #5



Thermoplastic materials (TPO, PVC, etc.): Heat weld the flange of the MCP to the roof membrane in accordance with the manufacturer's specifications and seal cut edges as required.

STEP #6



Now you're ready to install the Color Snap®-M product!
(See page 3 for more details.)

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COLOR
Snap®-M

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Steps 7-10, Color Snap®-M & Rail Installation

Carefully place the Color Snap® rail on the MCP directly below the attachment post and slide the rail back under the Snap Connector until you feel the rail “snap” in place. Tighten the 9/16” hex bolt & hex nut to 100 in-lb. torque.

STEP
7



Finish off your sections by sliding a 2” wide strip of the roofing material or color strip into the slots provided in the face of the Color Snap® rail, overlapping the next 8’ section.

STEP
9



Going to the next 8-foot section repeat step 7, attaching the new Color Snap® rail by sliding (2) rail connectors into both the middle and bottom slots on the rail.

*Note: This is good for up to 36” & 48” lengths. If rail extends 12” past last support, cut at 12” and start a new rail.

STEP
8



Continue to assemble additional lengths of Color Snap® rails until either the run is complete or you have installed 100 feet of rail.

STEP
10



Installation Tips & Precautions

Continuous runs of Color Snap® rails should be limited to 100 feet to allow for thermal expansion.

Trim rails if necessary so that the rail does not extend more than 6” beyond each end of MCP.

At no time should you use the installed Color Snap® rail as part of your fall protection system.

The Proof is on the Roof™

Video Tutorials Online @ www.AceClamp.com/tutorials

The management at PMC Industries, Inc. is committed to providing you, our customer the fastest, easiest and safest attachment devices for your solar energy system. We welcome suggestions that will make your job easier.



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