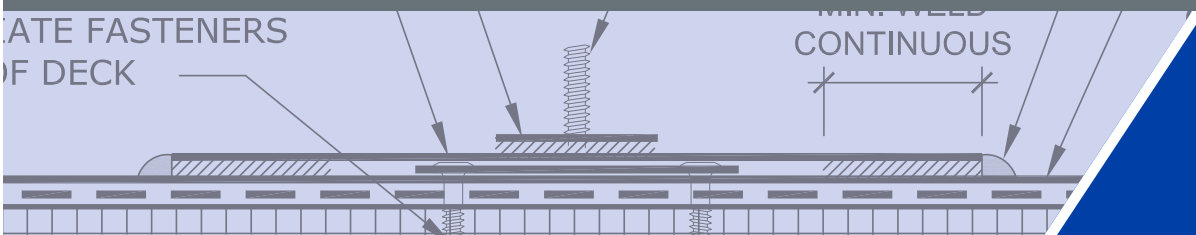


JM ENERGY[®] ANCHOR INSTALLATION GUIDE

THERMOPLASTICS (JM PVC & JM TPO)



JM ENRGY™ Anchor is a lightweight, roof-top integrated, photovoltaic (PV)-mounting solution consisting of a coated steel plate and stainless-steel stud and JM cover membrane.

STEP #1

ALIGN THE ANCHOR

Align the JM ENRGY™ Anchor on the membrane surface per the engineer design plans.

Install the required number of fasteners per design specification, type, and pattern.



STEP #2

CLEAN THE SURFACE

Clean the surface of JM TPO and JM PVC membranes with [JM Single Ply Membrane Cleaner \(Low VOC\)](#), [TPO Membrane Cleaner](#), [TPO or EPDM Weathered Membrane Cleaner](#), or other JM approved products to remove any dirt or other contaminants to ensure a clean bond.



STEP #3

HEAT WELD COVER AND 2' DISK

Lift the JM ENRGY Anchor membrane cover attached to the plate and apply sufficient hot air to heat both membrane surfaces to achieve a minimum of a 1 ½" weld around the perimeter. Using a silicone rubber roller, roll and fuse the upper membrane surface into the lower membrane.

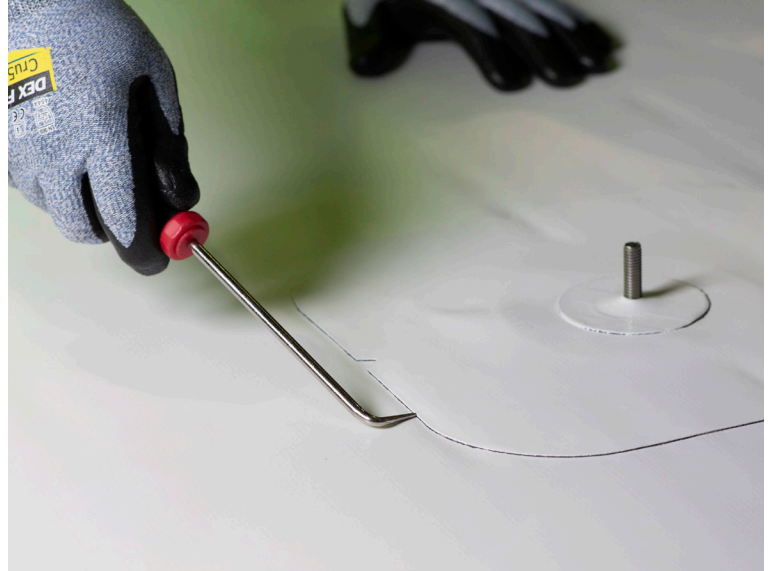
Repeat the proces for the 2" disk.



STEP #4

CAREFULLY PROBE SEAMS

After the weld has cooled, carefully probe seams along its entire length to confirm there are no voids.



STEP #5

APPLY SEALANT

Apply either [JM TPO LVOC Edge Sealant](#) or [JM PVC Edge Sealant](#) (optional for PVC) to all seam sides of the cover membrane and disk as required.



Notes:

- Avoid applying the JM ENRGY Anchor over membrane seams. If necessary, install using t-patch details.
- The connection nut must be fastened to approximately 20-25 foot pounds. Use a calibrated torque wrench during installation to ensure appropriate results are achieved.
- The most common fasteners for the ENRGY Anchor plate are the [All Purpose Fastener No. 14](#) and the [High Load Fastener No. 15](#) roofing fasteners. Always refer to the project specific engineering documentation as the deck structure will vary the fastener type.
- An ANSI/SPRI FX-1 Pull Test is recommended to measure the pull-out resistance of fasteners included in the load path.

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