



Johns Manville

INSTALL THE 2" Ø EPDM SA SEPARATOR OVER THE BOLT AND ROLL UNDER PRESSURE WITH A HAND ROLLER

EPDM COVER MEMBRANE

INSTALL THE EPDM COVER MEMBRANE ANCHOR PLATE UNDER PRESSURE WITH A HAND ROLLER

JM SINGLE PLY CAULK ALL SIDES

BY ANCHOR PLATE

FIELD J

JM ENERGY ANCHOR

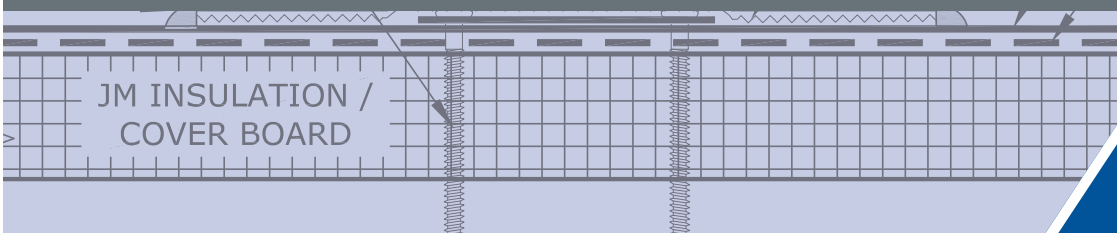
JM EPDM TAPE PRIMER

INSTALL THE EPDM

JM ENERGY[®] ANCHOR INSTALLATION GUIDE

THERMOSET (JM EPDM)

JM INSULATION / COVER BOARD



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

MARK OFF THE AREA

Mark off the area of coverage.



STEP #3

REMOVE DIRT

If membrane is soiled use [JM Weathered Membrane Cleaner](#) or other JM approved products to remove dirt.



STEP #4

PRIME THE SURFACE

Prime the membrane surface and the plate (installed already) with JM EPDM Tape Primer Plus (Low VOC) or JM EPDM Taper Primer Plus. Allow to dry to the point it will be tacky to the touch.



STEP #5

RE-ALIGN THE MEMBRANE

Re-align the ENRGY Anchor cover membrane and remove the release liner.



STEP #6

PLACE OVER THE BOLT

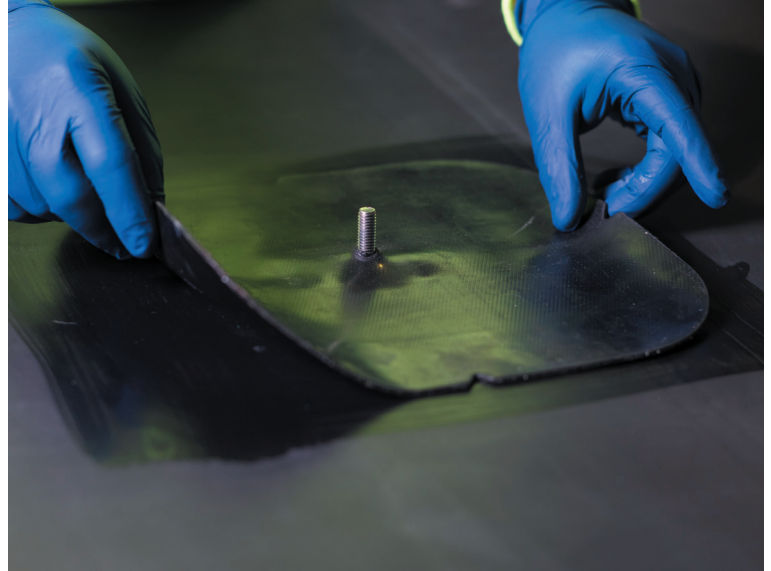
Place over the bolt pressing to adhere the primed area removing any wrinkles providing a smooth surface.



STEP #6 (continued)

PLACE OVER THE BOLT

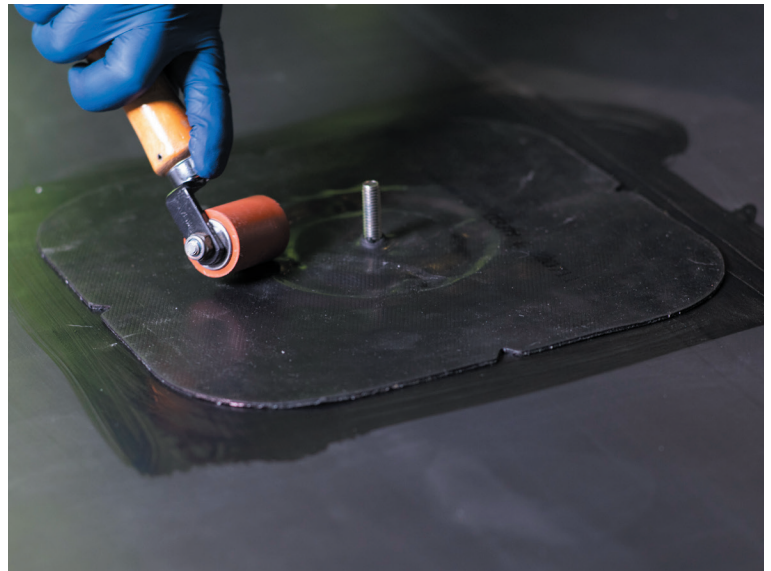
Place over the bolt pressing to adhere the primed area removing any wrinkles providing a smooth surface.



STEP #7

USE RUBBER ROLLER

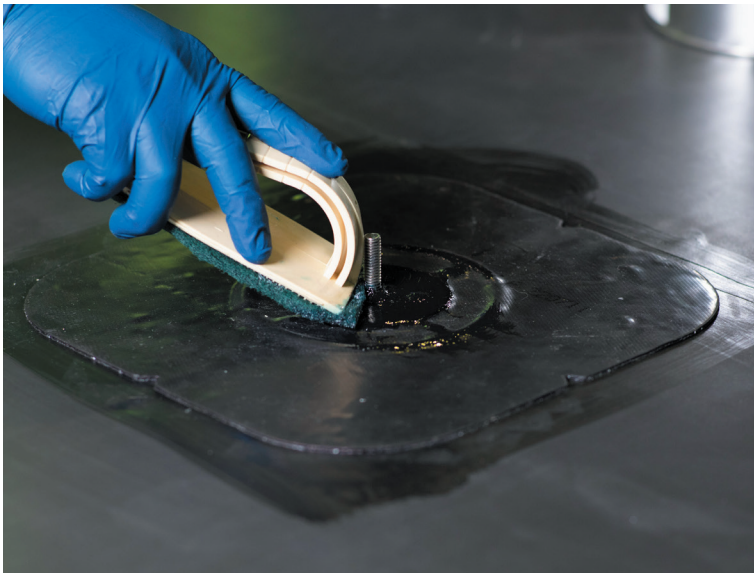
Using a 2" silicone rubber roller, complete bonding the membranes by thoroughly rolling over the area.



STEP #8

PRIME THE LOCATION

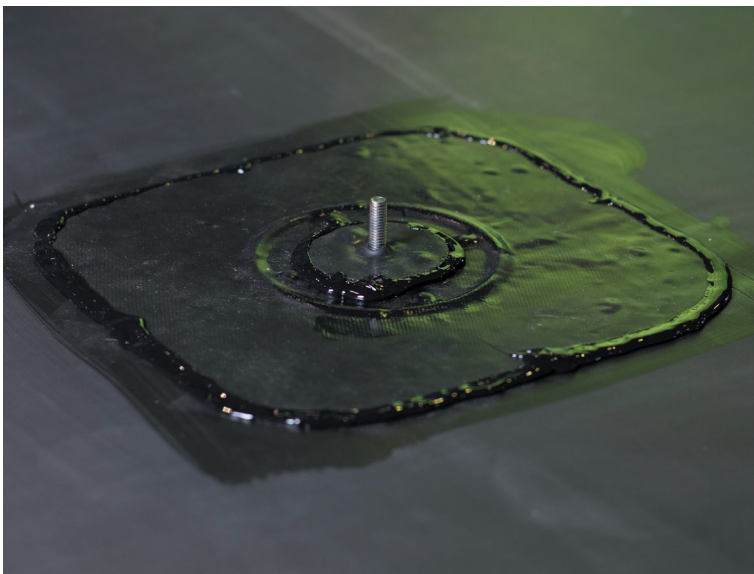
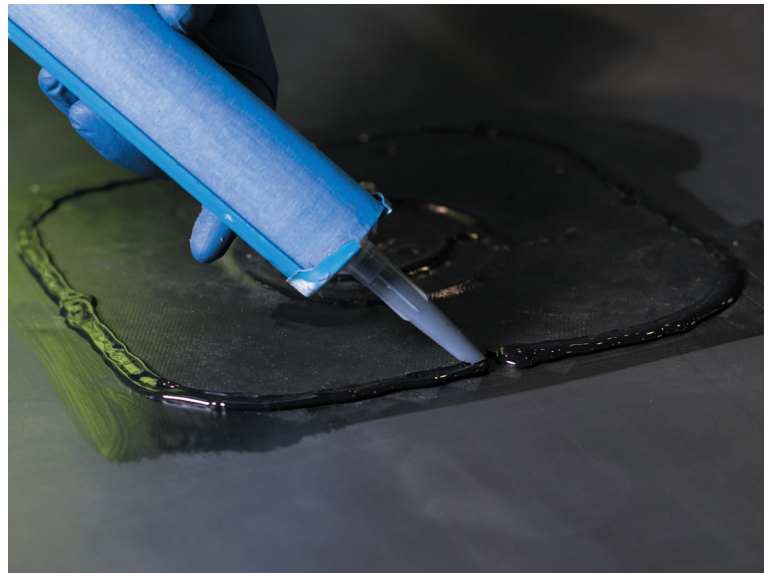
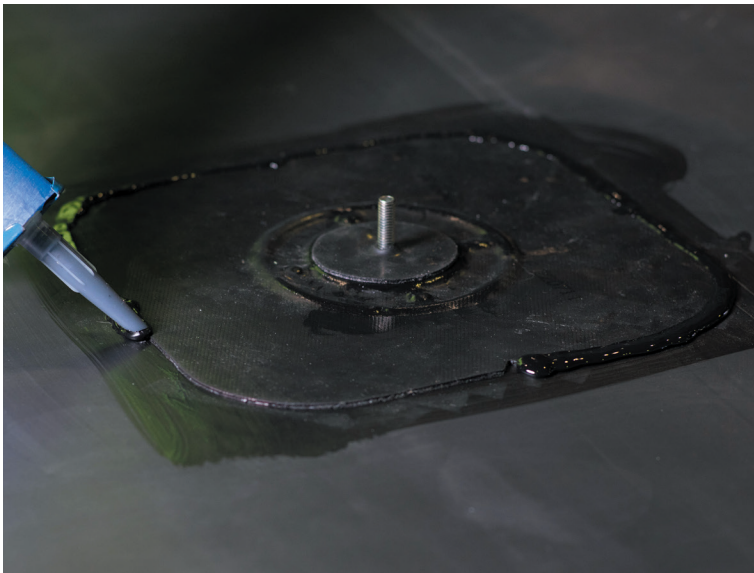
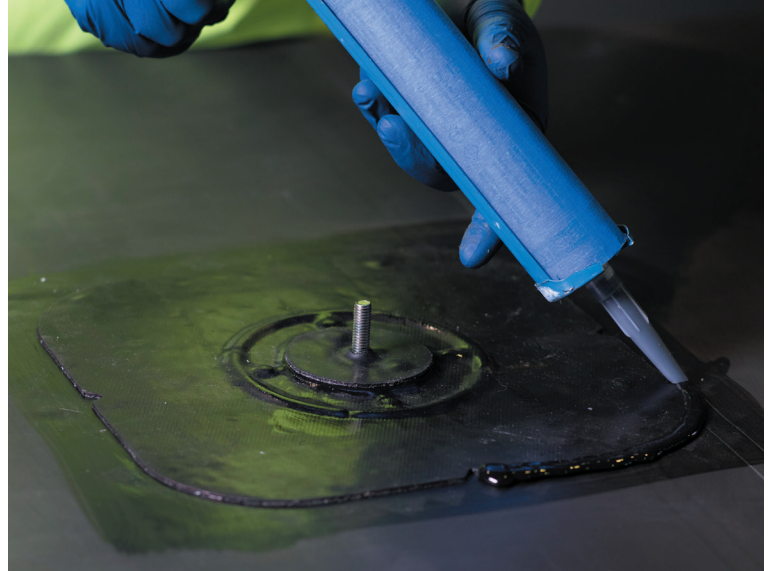
Prime the location prior to installing the 2" Peel and Stick EPDM Disk over the bolt. Apply pressure with roller for complete adhesion.



STEP #9

SEAL THE COVER MEMBRANE

Seal the EPDM cover membrane and 2" EPDM disk using JM Single Ply LVOC Caulk.



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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