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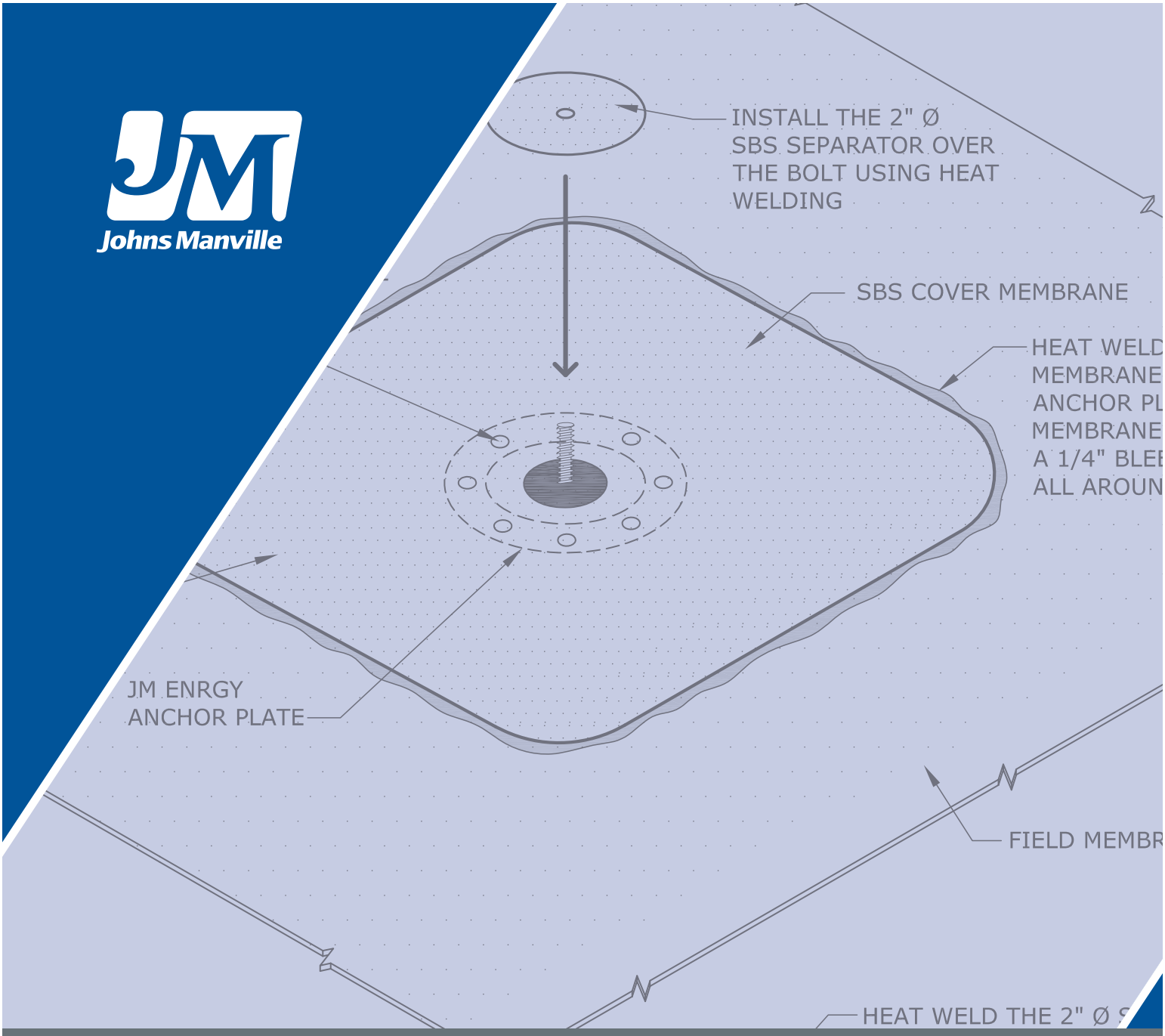
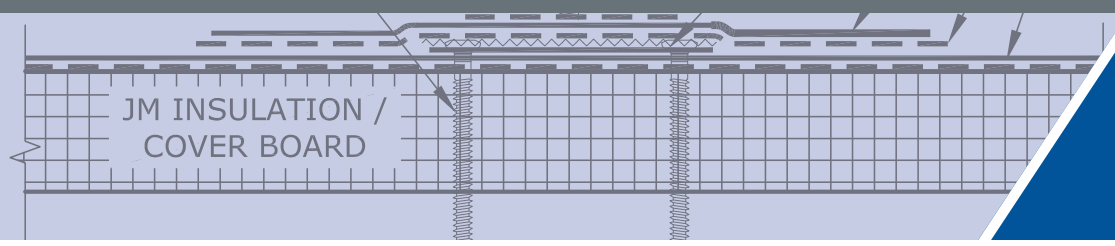


JM ENRGY® ANCHOR INSTALLATION GUIDE

APP & SBS TORCHED



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 the area of coverage. Utilizing a torch or a heat gun, with proper safety equipment and precautions, heat and embed granules on field membrane.

STEP #2 (continued)

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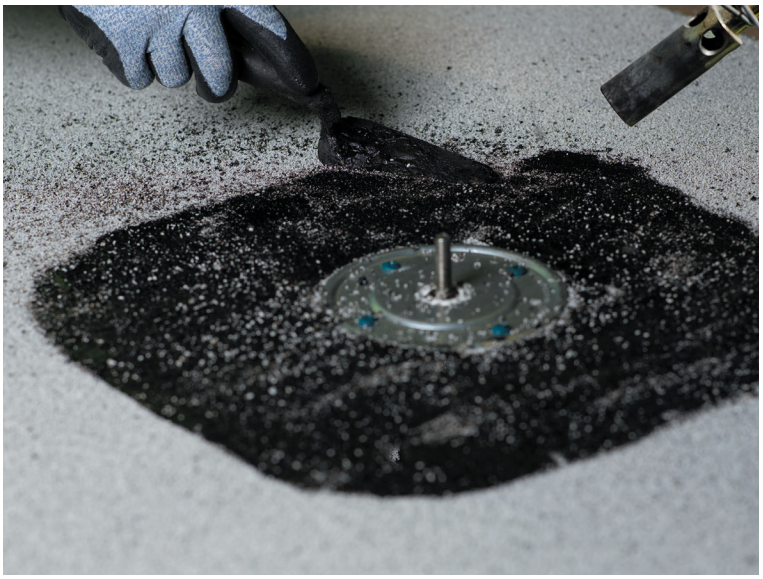

STEP #3

CLEAN AND PRIME THE SURFACE

Allow membrane to cool then clean and prime the plate surface (installed already). Allow the Asphalt Primer to completely dry.

STEP #4

HEAT THE BACK

Adequately heat the back of the APP or SBS membrane cover. Align the membrane and place, centering over the ENRGY Anchor.

Lifting the cover membrane with a trowel, apply heat and seal using pressure to create a 1/4" bleed out at edge.

STEP #4 (continued)

HEAT THE BACK

Adequately heat the back of the APP or SBS membrane cover. Align the membrane and place, centering over the ENRGY Anchor.

Lifting the cover membrane with a trowel, apply heat and seal using pressure to create a 1/4" bleed out at edge.

STEP #5

EMBED THE GRANULES

Prior to installing the 2" APP or SBS disk, embed the granules in the area under the disk. Install the 2" SBS or APP disk over the bolt using torch applied heat welding technique described above.

STEP #5 (continued)

EMBED THE GRANULES

Prior to installing the 2" APP or SBS disk, embed the granules in the area under the disk. Install the 2" SBS or APP disk over the bolt using torch applied heat welding technique described above.

STEP #6

APPLY GRANULES

Apply JM Roofing Granules (optional) over the exposed warm bleed out.

STEP #6 (continued)

APPLY GRANULES

Apply JM Roofing Granules (optional) over the exposed warm bleed out.

Notes:

- BUR systems will use the SBS ENRGY Anchor.
- 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.

PEAK ADVANTAGE

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Johns Manville offers one of the most comprehensive guarantees in the roofing industry. That's the advantage you can expect from a financially stable, dependable leader that has been around for over 160 years.

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