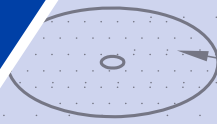




Johns Manville



INSTALL THE 2" Ø
SBS SEPARATOR OVER
THE BOLT USING HEAT
WELDING

SBS COVER MEMBRANE

HEAT WELD
MEMBRANE
ANCHOR PL
MEMBRANE
A 1/4" BLEE
ALL AROUND

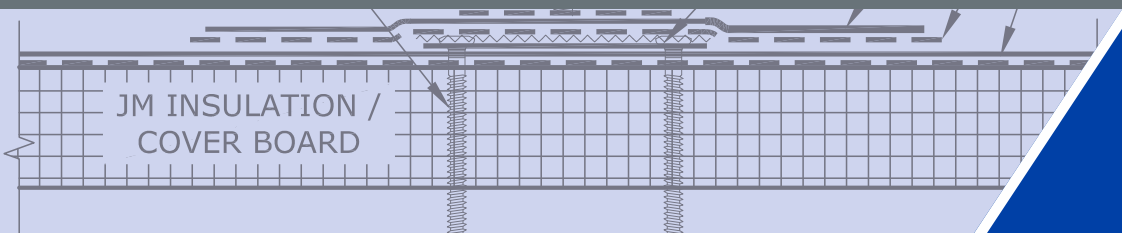
JM ENRGY
ANCHOR PLATE

FIELD MEMBR

HEAT WELD THE 2" Ø S

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.



STEP #3

EMBED THE GRANULES

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



STEP #4

CLEAN AND PRIME THE SURFACE

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. Allow membrane to cool, then clean and prime the membrane surface and plate with [JM Asphalt Primer](#).



STEP #5

HEAT THE BACK

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



STEP #6

HEAT THE BACK

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



STEP #7

APPLY GRANULES

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



STEP #8

EMBED THE GRANULES

Prior to installing the 2" APP or SBS disk, embed the granules in the area under the disk.



STEP #9

EMBED THE GRANULES

Install the 2" SBS or APP disk over the bolt using torch applied heat welding technique described above.



STEP #10

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.

Johns Manville is a manufacturer of commercial roofing products and offers this general conceptual information to you as a courtesy. This complimentary assistance is not to be used or relied upon by anyone as a substitute for professional engineering design and documentation required by building code, contract, or applicable law. By accepting these comments, you agree they do not constitute any representations, endorsements of, or an assumption by Johns Manville of any liability for either the adequacy of design of this building or any other material not supplied by Johns Manville.

The Application Guide is intended as a guide only; actual conditions encountered during installation may vary from jobsite to jobsite. By providing this guidance, Johns Manville assumes no responsibility for quality of installation, field workmanship, building code compliance, or job safety. Johns Manville Material Safety Data Sheets (SDS) and Safe Use Instructions (SUI) are available with specific product safety information. For information on other Johns Manville thermal insulations and systems, call (800) 922-5922 or visit JM.com.

Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. The Safety Data Sheet is available by calling (800) 922-5922 or on the web at www.jm.com/roofing. The physical and chemical properties of the product listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Check with the regional sales representative nearest you for current information.

PEAK *Johns Manville* ADVANTAGE

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.



717 17th St.
Denver, CO 80202
(800) 922-5922
www.jm.com/roofing



@JohnsManvilleRoofing



@JMRoofingSystem



Johns Manville Commercial Roofing Systems



Johns Manville Roofing Systems



www.jmroofing.news



@JohnsManvilleRoofing



Above it all