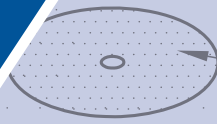
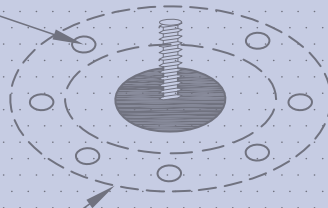




Johns Manville



INSTALL THE 2" Ø SBS SEPARATOR OVER THE BOLT WITH JM MBR UTILITY CEMENT



JM ENRGY ANCHOR PLATE

APPLY JM MBR UTILITY CEMENT COVER MEMBRANE ALLOWING OUT ALL AIR

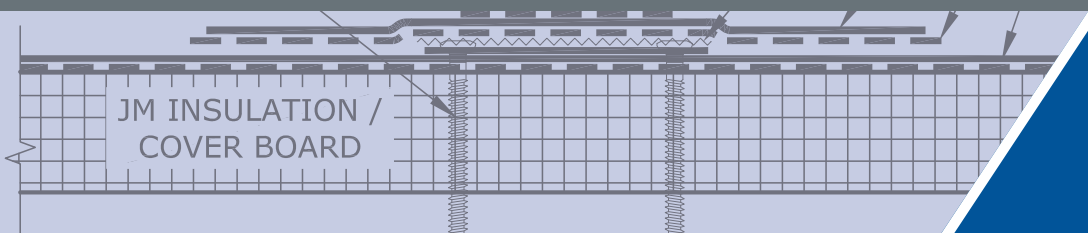
APPLY JM ROOFING GRANULES OVER EXPOSED ADHESIVE (OPTIONAL)

FIELD MEMBRANE

INSTALL THE 2" Ø SBS SEPARATOR OVER THE BOLT WITH JM MBR

# JM ENRGY<sup>®</sup> ANCHOR INSTALLATION GUIDE

SBS ADHERED



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

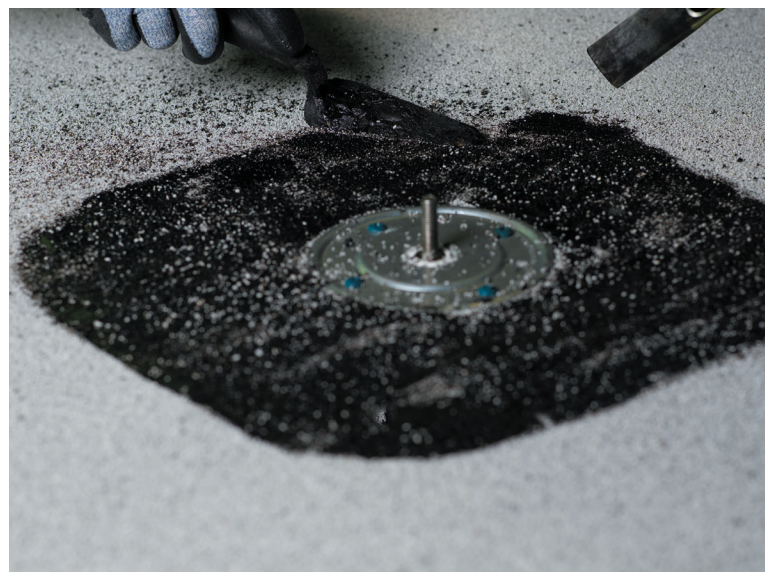
Mark off the area the area of coverage. Utilizing a torch or a heat gun, with proper safety equipment and precautions, heat and embed granules on field membrane.



## STEP #2 (continued)

### 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 #3

### CLEAN AND PRIME THE SURFACE

JM SBS Adhered will utilize [JM Asphalt Primer](#). Allow membrane to cool then clean and prime the membrane surface and the plate (installed already). Allow the Asphalt Primer to completely dry.



## STEP #3 (continued)

### CLEAN AND PRIME THE SURFACE

JM SBS Adhered will utilize [JM Asphalt Primer](#). Allow membrane to cool then clean and prime the membrane surface and the plate (installed already). Allow the Asphalt Primer to completely dry.



## STEP #4

### APPLY CEMENT

Apply [MBR® Utility Cement](#) or other approved JM Permaflash™, one-part Permaflash to the prepared field membrane area with a trowel then set the SBS cover membrane in place, using 2" silicone rubber roller to bond the membranes together allowing a ¼" bleed out around the perimeter.



## STEP #4 (continued)

### APPLY CEMENT

Apply MBR® Utility Cement or other approved JM Permaflash™, one-part Permaflash to the prepared field membrane area with a trowel then set the SBS cover membrane in place, using 2" silicone rubber roller to bond the membranes together allowing a ¼" bleed out around the perimeter.



## STEP #5

### PRIME THE AREA

Prime the area under the 2" SBS disk followed by placing over the bolt using MBR® Utility Cement.



## STEP #5 (continued)

### PRIME THE AREA

Prime the area under the 2" SBS disk followed by placing over the bolt using MBR® Utility Cement.



## STEP #5 (continued)

### PRIME THE AREA

Prime the area under the 2" SBS disk followed by placing over the bolt using MBR® Utility Cement.



## STEP #6

### APPLY GRANULES

Apply JM Roofing Granules (optional) over the exposed 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.

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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](http://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.

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