

## ITEM OPPORTUNITY SYNOPSIS

<b>Scouting Number:</b>	2024-050
<b>Name of the item to be scouted:</b>	Roof Insulation and Membrane Fastening Plate
<b>State item to be used in:</b>	New Hampshire

### Describe the Item:

<p>Please describe the item application/the end use of the item.</p>	<p>Seeking roof insulation and membrane fastening plates that are comparable to plates produced by Johns Manville (see attached) and meet BABA requirements. Plates must fasten down Polyiso insulation and Thermoplastic Polyofin (TPO) and Polyvinyl Chloride (PVC) membrane roofs. In accordance with FAR 10.002(b) (2) (i), this Supplier Scouting Opportunity is for the purpose of conducting market research. This is not a Request for Proposal/Quotation and does not represent a commitment by the Government to issue a solicitation/award a contract.</p>
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### Supplier Information:

#### Type of Supplier Being Sought (select from the list below):

Manufacturer	x
Contract Manufacturer	
Distributor	
Other (Please Specify)	

#### Reason for Scouting Submission (select from the list below)

2nd Supplier	
Price	
Re-Shore	
Past supplier no longer available	
New Product Startup	
BABA	x
Other (Please Specify)	

### Summary of Technical Specifications and Performance Requirements:

Describe the manufacturing processes (elaborate to provide as much detail as possible)	Plastic Injection Molding or Steel
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Provide dimensions / size / tolerances / performance specifications of the item	Use: Insulation, TPO and PVC Membranes Material: G-90 steel with proprietary coating Plate: 3.12" (7.9 cm) round Color: TPO = Yellow, PVC = Purple Deck Type: Wood, Steel, or Structural Concrete See attached for more info.
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List required materials needed to make the product, including materials of product components, if applicable	Steel with bonding surface
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#### Are there applicable certification requirements?

Yes	x
No	
Please explain:	UL

#### Are there any applicable regulations that apply to the production of this item?

Yes	x
No	
Please explain:	Needs to warranty comparable to Johns Manville's warranty

#### Are there any other standards / requirements?

Yes	x
No	
Please explain:	Needs to meet engineering specs for wind uplift and water proofing standards

### Additional Comments:

Additional technical comments:	See attached product data
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### Volume and Pricing:

Estimated Potential Business Volume (i.e. #units per day, month, year):	~ 2000pc, small batch
Estimated Target Price/Unit Cost Information:	source did not provide broken out material costs

### Delivery Requirements:

<b>When is it needed by? (Immediate, 30 days, 6 months, etc.)</b>	30 days
<b>Describe packaging requirements (i.e. individually/group packaging, etc.)</b>	Delivered to Roofing subcontractor
<b>Where will this item be shipped?</b>	Newport, New Hampshire
<b>Additional Comments:</b>	
<b>Is there other information you would like to include?</b>	In accordance with FAR 10.002(b) (2) (i), this Supplier Scouting Opportunity is for the purpose of conducting market research. This is not a Request for Proposal/Quotation and does not represent a commitment by the Government to issue a solicitation/award a contract.

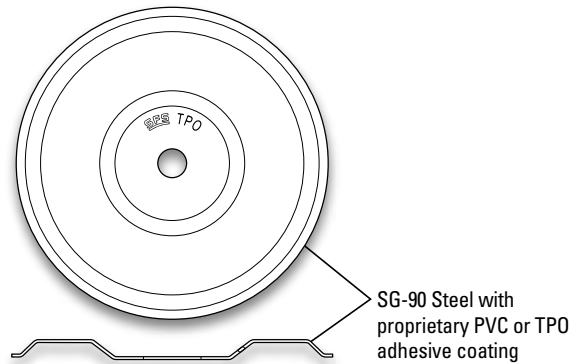
### Features and Components

JM isoweld is 3.12" (79.2 mm) round G-90 steel plate with a flat bonding surface of proprietary TPO or PVC adhesive coating. Utilizing induction weld technology, JM isoweld simultaneously fastens the insulation and membrane.

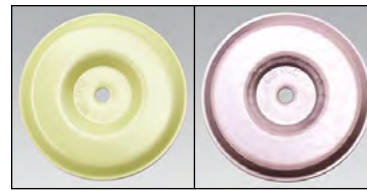
- Use:** Insulation, TPO and PVC Membranes
- Material:** G-90 steel with proprietary coating
- Plate:** 3.12" (7.9 cm) round
- Color:** TPO = Yellow, PVC = Purple
- Deck Type:** Wood, Steel, or Structural Concrete

### Fastener Compatibility

Designed to be used with JM #15 Dekfast Fasteners.



<b>Component</b>
<b>F</b> Fastening
<b>Type</b>
<b>I</b> Insulation
<b>M</b> Membrane
Single Ply



TPO                      PVC

### System Compatibility This product may be used as a component in the following systems. Please reference product application for specific installation methods and information.

Multi-Ply	BUR		APP		SBS				
	HA	CA	CA	HW	HA	CA	HW	CA	MF
<i>Do not use in Multi-Ply systems</i>									

Single Ply	TPO		PVC		EPDM		
	MF	FA	MF	FA	MF	FA	BA
<i>Use to fasten Insulation and Membranes in TPO &amp; PVC Single Ply systems</i>							

**Key:** HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened FA = Fully Adhered BA = Ballasted

### Energy and the Environment

Recycled Content	This steel based product contains a minimum of 25% post consumer recycled materials by weight
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### Peak Advantage® Guarantee Information

Systems	Guarantee Term
When used in 60 to 80 mil JM TPO systems*	20 years

\* Approved to use with any Peak Advantage Guarantee.

### Codes and Approvals\*



\*Fastener approvals are based on system approvals

### Installation/Application

- Refer to the application instructions guidelines for proper utilization of this product.
- Install the JM isoweld® with the SFS isoweld® 3000 induction tool. Obtain the the isoweld® 3000 tool directly with SFS at 317-457-7312 or brian.buckler@sfs.biz

### Packaging and Dimensions

Plate Size	Quantity per Container
3.12" (7.9 cm) round	500/pail
Producing Locations*	See note

\* The point of manufacture for fasteners and plates varies depending on the specific part. Call your local JM sales professional for assistance.