

Bulletin Number: M24-007

Date: March 8, 2024

Distribution: External

New JM TPO Mechanically Fastened Very Severe Hail Approvals

Johns Manville is pleased to announce the launch of the JM Very Severe Hail Plate (JM VSH Plate). Johns Manville recognized the need for a cost-effective solution for thermoplastic single-ply roofing systems in the Factory Mutual Very Severe Hail Zone, and thus is bringing a mechanically fastened solution to market available through JM.

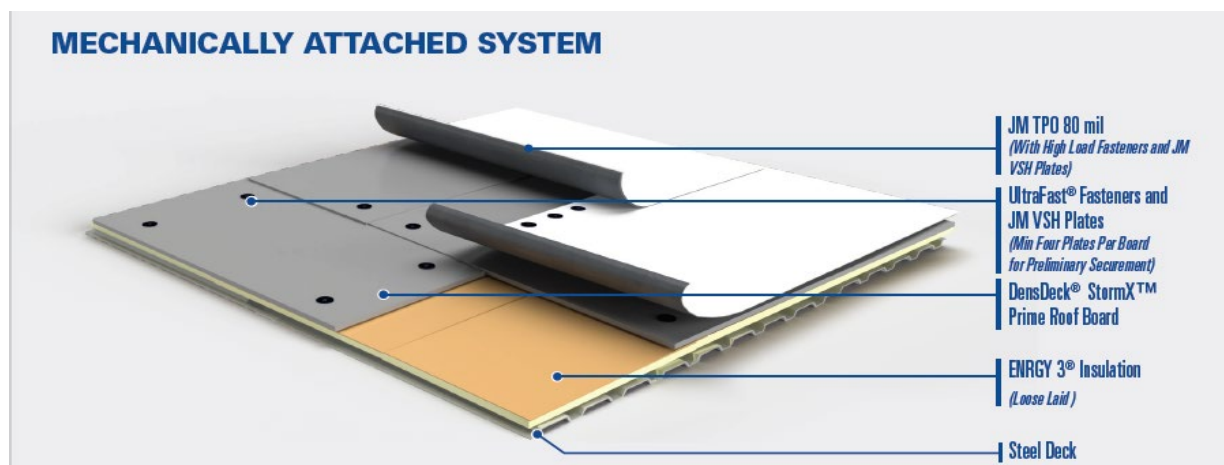
The JM VSH Plate is an FM Approved mechanically fastened single ply solution for low-slope commercial roof opportunities in the industry. When the JM VSH Plate is utilized to preliminarily secure a 5/8" DensDeck StormX Prime coverboard and mechanically fasten a robust JM TPO 80mil thermoplastic membrane, the roof system can withstand live load impacts equivalent to the FM VSH Hail ratings many of our customers are seeing required for their opportunities.

The engineered shape of the JM VSH Plate seats the head of the fastener within the plate itself allowing for deflection of the hail stone, rather than a direct impact to the head of the fastener. The ability to rely on the durable JM TPO 80mil mechanically fastened system in the VSH Zone can provide a more economical roof system; with no adhesives and increased labor efficiencies when compared to current adhered VSH rated single ply systems.

JM holds a variety of FM Approved systems utilizing the JM VSH Plate and will have products available out of our Scottsboro facilities on May 6th, 2024. Additional products will be available out of our Hillsboro facility in June 2024.

Product
JM VSH PLATE 2.2" 500/BOX

SKU
70009045





MARKETING BULLETIN

Roofing Systems

717 17th St. Denver, CO 80202 (800) 922-5922

Sheet Size	Fastener Spacing	Uplift Rating	JM Membrane	Cover Board	JM ENRGY 3®	Deck	RoofNav #
6'	12 in o.c.	I-90	JM TPO 80mil	5/8" DensDeck StormX Prime	Optional	Steel	557148-0-0
8'	12 in o.c.	I-75	JM TPO 80mil	5/8" DensDeck StormX Prime	Optional	Steel	557150-0-0
6'	6 in o.c.	I-135	JM TPO 80mil	5/8" DensDeck StormX Prime	Optional	Steel	557336-0-0
8'	6 in o.c.	I-105	JM TPO 80mil	5/8" DensDeck StormX Prime	Optional	Steel*	557347-0-0
10'	6 in o.c.	I-90	JM TPO 80mil	5/8" DensDeck StormX Prime	Optional	Steel*	557320-0-0
12'	6 in o.c.	I-75	JM TPO 80mil	5/8" DensDeck StormX Prime	Optional	Steel*	557339-0-0

*22GA./80 KSI STEEL DECK

Please see below links for resource material:

[JM Very Severe Hail Plates](#)

[JM Very Severe Hail Solutions](#)

[JM VSH Plate Data Sheet](#)

Additional product information, data sheets, and specifications can be found at www.JM.com.

Please contact your JM Sales Team and/or Regional Service Account Specialist with any questions. Thank you for your continued support.

Brandon Mark
Product Manager