

MARKETING BULLETIN — Roofing Systems

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JM PVC RhinoPlate™
Single Ply Systems

Johns Manville is proud to introduce the JM PVC RhinoPlate into the JM PVC product portfolio. The JM PVC RhinoPlate is a specially-coated, Galvalume®, three-inch plate. The RhinoPlate technology is designed to secure insulation to the deck while providing a non-penetrating weldable surface to adhere thermoplastic PVC membranes.

Fast Installation with Reduced Fastener Requirements

The JM PVC RhinoPlate requires 25 percent to 50 percent fewer fasteners as compared to in-seam fastening methods. An experienced operator can weld five plates per minute or 300 plates per hour.



Reduced Flutter and Improved Aesthetics

The JM PVC RhinoPlate does not require membrane seam fasteners. Fastening points are spread across the entire roofing system in a grid pattern rather than concentrated at the membrane seam edge. This creates a more evenly distributed load, yielding higher wind uplift approvals and reducing the potential for membrane flutter. All while providing improved rooftop performance and better aesthetics!

Faster Dry-In

In some installations, a membrane seam can be welded before the JM PVC RhinoPlate is bonded to the membrane. This enables the contractor to get a larger area of the building dry, preventing moisture infiltration as well as allowing other parts of the installation to be completed.

Best-in-Class FM Global® Approvals

Johns Manville has best-in-class codes in the roofing industry with the JM PVC RhinoPlate System. Using six fasteners per board, an approval of 1-90 has been tested and achieved. With eight fasteners per board, JM PVC has achieved an industry best of 1-135! Please consult the JM fastening diagrams for approved field patterns and prescriptively enhanced portions of the roof.

Product Stocking and Packaging

- Hazle Township (Hazleton), Pennsylvania
- Stockton, California (as of mid-February 2010)
- Packaged 500 plates/pail
- UPC 70000677

NOTE: JM TPO RhinoPlate and JM PVC RhinoPlate are not interchangeable. The plates must be matched to the unique membrane type for welding compatibility. The plates are distinguished by different colors—JM PVC RhinoPlate (black) and JM TPO RhinoPlate (amber).

Resources

Visit us on the Web for JM PVC RhinoPlate data sheets, MSDS, product literature, specifications and technical resources— [Click here.](#)

The screenshot shows the JM website interface. At the top, there is a search bar and navigation links for "JM Partners", "About JM", and "Contact Us". Below this is a main navigation bar with categories like "Home", "Commercial Construction", "Residential Construction", "Sustainable Building", "Why JM?", and "Solutions For Your Industry". A secondary navigation bar lists "Roofing Systems", "Building Insulation", "Pipe & Equipment Insulation", and "Air Handling".

The main content area is titled "JM PVC RhinoPlate®". It features a large image of a black circular plate. To the left of the image is a list of resources:

- Data Sheets & MSDS**
 - JM PVC RhinoPlate® Data Sheet (256 KB)
 - JM PVC RhinoPlate® MSDS
- Product Literature**
 - Complete PVC Solutions - JM RhinoPlate® System (240 KB)
 - The JM RhinoPlate® System (115 KB)
- Technical Resources**
 - JM PVC RhinoPlate® System 6.6-12 (109 KB)
 - JM PVC RhinoPlate® System 8-12-16 (105 KB)
 - RhinoPlate® Installation Guide (12 KB)

At the bottom left, there is a "COMMERCIAL TOOLBOX" section with links to "Codes", "Bulletins", "Tools & Resources", "Where to Buy", "Contractor Locator", and "Best Price Products Index".

Contact your local JM sales representative or customer service advocate to learn more about the JM PVC RhinoPlate.

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