

PRESS RELEASE

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RHINOBOND CHANGES THE FACE OF MECHANICALLY ATTACHED ROOFING

Revolutionary Technology Virtually Eliminates Roof Fluttering

AGAWAM, Mass., February, 2009 – As wide TPO and PVC membranes have become more prevalent in the industry, rooftop fluttering has become a greater concern among contractors and building owners alike. The RhinoBond System from OMG offers a non-penetrating mechanical fastening solution that virtually eliminates this issue by evenly distributing the wind load across the roof.



RhinoBond is an alternative insulation and membrane attachment system that uses the same fastener and plate to secure the membrane and the insulation without penetrating the roofing material. The result is a Factory Mutual approved system that does not create any potential point of entry for moisture, requires fewer fasteners and provides superior wind-uplift performance.

At the core of the RhinoBond System is a patented electromagnetic induction welder which bonds the underside of the membrane to a specially coated plate that then holds the insulation and membrane in place.

Think Outside the Seam

“There are no seam fasteners with the RhinoBond System, so contractors have to approach projects differently,” said Josh Kelly, marketing director for OMG. “Instead of estimating the number of insulation and seam fasteners, they only need to determine how many RhinoBond fasteners are required to achieve the desired wind rating. An FM 1-90 rating, for example, requires six fasteners per 4 x 8 insulation board or 19 fasteners per square.”

Since the fastening points are spread across the entire roof in a grid pattern rather than concentrated on the edge of the membrane, the wind load is distributed more evenly. As a result, there is less point loading, allowing higher wind ratings with fewer fasteners.

In addition to requiring 25% to 50% fewer fasteners when compared to traditional fastening methods, the RhinoBond System does not require perimeter half-sheets, so fewer seams are needed on the roof.

The system has achieved an FM 1-210 wind uplift rating, and in static testing, resists over 500 lbs. of force. RhinoBond plates are available for TPO and PVC membranes, packaged in pails of 500 and can be installed using several different OMG fasteners.

RhinoBond tools are lightweight, easy to use and handle, and operate on standard 110 volt power sources. The tools are immediately available through OMG. For additional information, contact your local OMG sales representative, call (800) 633-3800 or visit www.OlyFast.com.

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