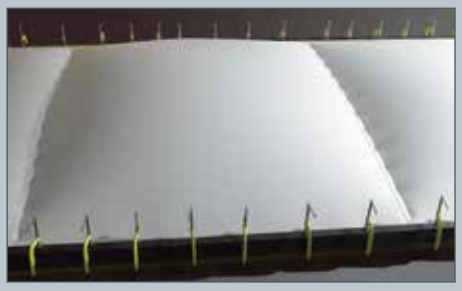
RHINOBOND

OMG ROOFING PRODUCTS

Superior productivity.
Superior performance.

SPREAD THE WIND LOAD



The RhinoBond System spreads the wind load evenly across the roof (top) as opposed to the traditional in-seam fastening method (bottom).

A BETTER ALTERNATIVE FOR METAL RETROFITS

RhinoBond is also an ideal option for metal roof retrofit applications. Because the system does not require in-seam fastening, and the membrane seams do not have to be positioned over the purlins. This eliminates the need for specialty purlin-width sheets, simplifies the installation, reduces waste, and can improve productivity.

NON-PENETRATING SOLUTION

RhinoBond is an advanced insulation and membrane attachment system for TPO and PVC membranes. This all-in-one system uses the same fastener and plate to secure the membrane and insulation to the deck without penetrating the roofing material. The result is a Factory Mutual-approved system that does not create any point of entry for moisture, requires fewer fasteners, fewer seams and provides superior wind uplift performance.

REVOLUTIONARY TECHNOLOGY

RhinoBond is based on patented electro magnetic induction welding technology called Sinch®. Just activate the RhinoBond tool directly over a properly installed RhinoBond Plate to bond the underside of the membrane to the plate. Since the tool automatically calibrates the energy needed to provide an optimum bond, the heating process only takes a few seconds. Placing a weighted heat-sink magnet over the welded plate helps to promote a strong bond.

THINK OUTSIDE THE SEAM

For years, mechanically attached system installation was based on in-seam fastening patterns. With the RhinoBond system, you have to think differently.

Instead of estimating the number of insulation and seam fasteners, simply determine the number of RhinoBond fasteners required to achieve the desired wind rating.

Since the fastening points are spread across the roof in a grid pattern, rather than being concentrated in the seams of the membrane, the uplift load is distributed more evenly. The result is less loading on the seams, enabling the system to achieve higher wind ratings with fewer fasteners, improved rooftop performance, no flutter and better aesthetics!

RHINOBOND PRODUCTIVITY

With the RhinoBond System contractors can find and weld plates fast. With two tools, two experienced operators can weld up to 30 squares per hour! Since RhinoBond typically uses 25% - 50% fewer fasteners when compared to traditional in-seam fastening, contractors can reduce the total fastener installation time for improved productivity.

FEWER SEAMS

Most thermoplastic roof assemblies require extra fastening in corners, around the perimeter of the roof, and at large penetrations where wind uplift forces can be the strongest. Typically, perimeter half-sheets are needed for these areas.

With RhinoBond technology, membrane width is not a factor. Instead, a tighter fastening pattern in these areas provides additional attachment points for full-width membrane, thus providing enhanced performance with fewer seams and zero membrane penetrations. The result is a system with up to 30% fewer seams, less labor for welding and probing, and less potential for moisture entry and call backs. Plus, full width sheets can be installed up and over the parapet to eliminate the seam and related labor at the base of the wall. Lastly, since the lap seam does not need to encapsulate membrane plates, the seam can be narrower (e.g. 2- vs. 6-inches), resulting in less membrane for the project. The RhinoBond Calculator at OMGRoofing.com can help estimate your project savings.

FASTER DRY-IN

In some installations, membrane seams can be welded before all of the RhinoBond plates are bonded to the membrane. This enables contractors to get a larger area of the building dry and to reassign skilled workers to complete other parts of the installation before welding the membrane to all of the plates.

RHINOBOND PERFORMANCE FROM START TO FINISH

Enhance rooftop productivity and performance with the entire family of RhinoBond products.

RhinoTrac simultaneously drops a RhinoBond plate and drives the fastener, saving time and manpower. Besides minimizing operator fatigue, RhinoTrac can help drive fasteners straight and to the correct depth every time for improved quality and enhanced productivity.

The RhinoBond Hand Welder enables induction welding everywhere on the roof, including under raised structures, in tight spots and even on parapet walls and high sloped surfaces!

Hand Welder

RhinoTrac®

RhinoBond

GLOBAL USE

Join the Stampede!

- **World's Leading Induction-Based Roofing Attachment System**
- **More than 3.0 Billion Sq. Ft. (278 Million m^2) Installed**
- **1,000's of Projects**
- **39 Countries**
- **Accepted and supported by all major roofing system manufacturers**

FM APPROVED

CE

NATIONWIDE CUSTOMER SUPPORT

When it comes to service, no one beats OMG Roofing Products. We have the largest directly-employed field service team in the commercial roofing industry available to help you. Our team offers product demonstrations, training, job starts, fastener and adhesives pull tests and much more. Let our local sales representative help with your next project.

OMG is the leading U.S. supplier of roofing fasteners, roof insulation adhesives, retrofit roof drains, pipe supports, and installation productivity enhancement tools.

Our products are available nationwide through a network of roofing distributors, and supported by our national network of factory-direct sales representatives.

For more information or an on-site demonstration, please call 800·633·3800.

INSULATION COMPATIBILITY*

RhinoBond is compatible with polyisocyanurate, mineral wool, and hard cover boards as well as any insulation that will not melt by the induction welding process. When using RhinoBond over XPS or EPS, use a minimum 1/4-in. (6 mm) cover board or 4-in. (102 mm) cardboard discs under each plate to protect the insulation from melting. On foil faced insulation, the recommended minimum cover board is 1½-in. (38 mm). A minimum of 1½-inches (38 mm) of insulation is required for proper tool operation when using RhinoBond directly over a metal deck.

*These recommendations address various technical operating requirements of the RhinoBond Induction Tool only, and are not provided in lieu of any applicable building code or roofing system manufacturer requirements or specifications.

FASTENERS & PLATES

The RhinoBond system includes 3-inch (80 mm) round specially-coated plates, sold in waterproof buckets of 500. Plates are available for TPO (gold plate) and PVC (black plate) membranes. RhinoBond plates meet FM 4470 criteria for corrosion resistance and can be installed using several OMG fasteners.

ATTENTION:

RhinoBond Plates must be protected from prolonged UV (ultra violet) sun exposure. Keep RhinoBond buckets covered when not retrieving plates. Installed RhinoBond plates must be covered with membrane by the end of each workday.

GLOBAL USE

The RhinoBond tool is lightweight, adjustable, and easy to use and handle. It operates on standard 110 volt and 220 volt power sources for global use. A 5,000 watt generator in good condition with two 20A GFCI protected circuits will run two tools. See the RhinoBond Owners Manual for International Power Requirements.

RhinoBond tools are available exclusively through OMG Roofing Products' network of roofing distributors. For more information, please call 800·633·3800 or visit www.RhinoBond.com.

OMG ROOFING PRODUCTS
153 BOWLES ROAD, AGAWAM, MA 01001
800·633·3800 WWW.OMGROOFING.COM INFO@OMGINC.COM

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