

A close-up photograph of the RhinoBond induction fastening tool. The tool has a white handle and a black base. A black cable is connected to the top. The base features a control panel with a digital display and several buttons. The background shows a metal roof with purlins.

NO SPECIAL WIDTH MEMBRANE

NO MEMBRANE TO INSTALL BETWEEN PURLINS

NO EXCESS MEMBRANE BURIED IN THE LAPS



OMG
RhinoBond
INDUCTION FASTENING SYSTEM

RHINOBOND

METAL ROOF SOLUTION



Superior productivity.
Superior performance.

HOW DO YOU FIX A LEAKY METAL ROOF?



**RhinoBond offers a faster, better solution.
Call 800-633-3800 for details.**

TAKE THE HASSLE OUT OF METAL ROOF RETROFIT PROJECTS

Metal roofs can be a thing of beauty. They can add to the aesthetics of the structure and blend into the local environment. But they can also be a nightmare. Over time, building expansion and contraction, weather, UV exposure and acid rain can leave them rusting, leaking and falling apart.

When a metal roof fails, there are many options, but only one great solution: the RhinoBond System from OMG Roofing Products.

A SUPERIOR ALTERNATIVE

RhinoBond is a superior membrane attachment system for TPO and PVC membranes and the ideal, hassle-free, solution for metal retrofit applications. With this Factory Mutual approved system, fasteners are installed into the purlins for maximum uplift resistance, yet they do not have to be placed in the seams of the membrane. This gives roofers the flexibility of using maximum width membrane positioned in any direction. **Forget about special width rolls or burying excessive material in the laps.**

PATENTED TECHNOLOGY

RhinoBond is based on patented electromagnetic 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.



"We watched our production increase to an average of 220 squares per day. We faced some fairly heavy, sustained winds, and the system performed more like a fully adhered system, with very little movement in the sheet. This project was proof-positive that the RhinoBond system is a game-changing method of installation that has countless benefits for both the clients and the contractors."



Brian Kimbrell President
Merit Roofing Systems
Richardson, Texas

FEWER FASTENERS, FEWER SEAMS, ZERO PENETRATIONS

As with most mechanically attached systems, standing seam metal retrofit roof assemblies usually require extra fastening in corners, around the perimeter, and at large penetrations where wind uplift forces can be the strongest. Since membrane width is not an issue with RhinoBond, adding extra fasteners and plates in these areas provides a tighter pattern for full-width membrane. Thus, you get enhanced security with fewer seams, and zero membrane penetrations.

MEMBRANE ORIENTATION, HAVE IT YOUR WAY

Unlike with traditional single-ply recovers on standing seam metal projects, membrane orientation is not a factor with the RhinoBond system. Roofing membrane can be installed parallel or perpendicular to the purlins, and with far fewer seams, for a faster and easier installation.

BETTER PRODUCTIVITY WITH RHINOBOND

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.

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 induction welding directly over XPS or EPS, use a minimum 1/4-in. (6mm) thick cover board or 4-in. (102mm) round cardboard discs under each plate to protect the insulation from melting. The recommended minimum cover board on foil faced insulation is 1½-in. (38mm).

When using RhinoBond directly over a metal deck, a minimum of 1½-inches (38mm) of insulation is required for proper tool operation.

*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.

GLOBAL USE

Join the Stampede!

- **World's Leading Induction-Based Roofing Attachment System**

- **More than 3.0 Billion Sq. Ft. (278 Million m²) Installed**

- **1,000's of Projects**

- **39 Countries**

- **Accepted and supported by all major roofing system manufacturers.**



SIMPLE 3 STEP INSTALLATION PROCESS



1. Fill the flutes with tapered insulation.



2. Secure a cover board* to the purlins with RetroDriller fasteners and round RhinoBond Plates for membrane attachment. *Additional non-RhinoBond insulation fasteners may be required per FM guidelines, as illustrated by the square plates shown above. Spacing is always specified by the roof system manufacturer.



3. After the membrane is installed, weld each plate using the RhinoBond tool.

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 adhesive 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.

FASTENERS & PLATES

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



The OMG RetroDriller Fastener is ideal for use with the RhinoBond System in standing seam metal retrofit applications. The OMG RetroDriller Fastener has a ½-in. (13mm) drill point which allows the screw to quickly drill through the purlin before the threads engage into the standing seam metal roof. This greatly reduces point burnout, breakage and "jacking." The OMG RetroDriller is available in six lengths from 4-in. to 10-in. (100mm to 255mm), and can be used in structural steel purlins up to 3/16-in. (5mm) thick.

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.

GET RHINOBOND PERFORMANCE FROM START TO FINISH

RhinoBond tools operate on 110- and 220-volt power sources for global use (see Owner's Manual for details). Using the entire RhinoBond System including the RhinoTrac and Hand Welder, provides RhinoBond performance everywhere on the roof.

RhinoTrac can drive fasteners straight and to the right depth every time. The Hand Welder enables induction welding everywhere on the roof, including under raised structures and on vertical surfaces!

Check out our RhinoBond calculator to see how much material you can save on your next project. Visit OMG Roofing.com.



Scan the QR-code to Access RhinoBond On-line Resources, or go to www.rhinobondresources.com



ROOFING PRODUCTS

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U.S. Patent Nos. 6,665,991; 6,710,314; 6,849,837; 7,399,949; 8,492,683; 8,933,379. Canadian Patent Nos. 2,458,353; 2,602,753. U.S. Patent Pending. RhinoBond® and SINCH® are registered trademarks of OMG, Inc. Copyright © 2021 OMG, Inc. All rights reserved.

Superior productivity.
Superior performance.

