

TreadSafe®

PRODUCT DATA SPECIFICATIONS

PRODUCT DESCRIPTION

TreadSafe® is a tube fastening system designed for compressible insulation. When used in conjunction with a specially designed RhinoBond® plate, TreadSafe provides an insulation and membrane attachment system for securing TPO and PVC roofing membranes.* The system is FM approved and designed to accommodate OMG** Extra Heavy Duty or RetroDriller fasteners.

TPO: RhinoBond® Plates for TPO membranes are gold. **PVC:** RhinoBond Plates for PVC membranes are black.

FEATURES & BENEFITS

- The tube of the TreadSafe system accommodates the normal deflection of compressible roof insulation, minimizing the potential for the fastener to penetrate the roofing membrane
- TreadSafe is compatible with FM and CE approved mineral wool and polyisocyanurate insulation.
- Patented TreadSafe tubes lock onto compatible plates and securely hold fasteners in place.
- TreadSafe is Factory Mutual approved. See specific manufacturers for FM approvals.
- RhinoBond Plates used in conjunction with TreadSafe meet FM 4470 criteria for corrosion resistance, and feature a wide welding surface to promote a strong bond.

APPLICATION

For best results, the minimum insulation thickness should be 2-in. (51mm) to accommodate deflection. The OMG fasteners should always be tested on site by an OMG representative to determine performance and proper installation procedure. Contact OMG to schedule testing.

COATING

All OMG fasteners feature CR-10 corrosion resistant coating, which exhibits less than 15% red rust after 30 Kesternich cycles. CR-10 coating exceeds FM Approval Standard 4470.

PACKAGING

TreadSafe tubes and compatible RhinoBond Plates are packaged in plastic weather-resistant buckets. Each bucket contains 250 tubes and 250 plates.

RHINO BOND SYSTEM

RhinoBond is a proprietary roof attachment system approved for use by select roofing manufacturers. The system requires the use of RhinoBond Plates and OMG manufactured fasteners, as well as a RhinoBond welding tool. Pre-drilling is required on structural concrete decks.

The RhinoBond System is compatible with mineral wool, polyisocyanurate, hard cover boards and others. Pull tests should always be conducted to determine proper fastener selection.

APPROVALS



Factory Mutual listings refer to this product as **RhinoBond Insulation Plate (PVC) and RhinoBond Insulation Plate (TPO)**.

*For use with approved PVC and TPO membranes only.
**Consult roofing manufacturer for specific system ratings and requirements.



PHYSICAL DATA†

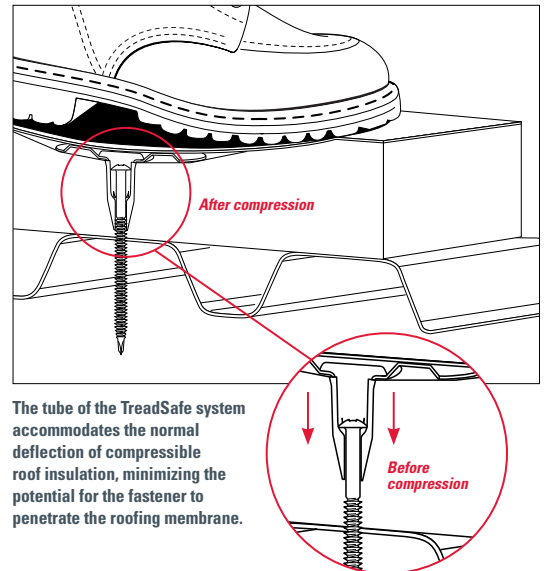
The data below is constant for each OMG RhinoBond plate and TreadSafe tube.

SIZE	MATERIAL
3" (80mm) round plates	Coated Galvalume plates
1.5" (40mm) long tubes	Polymer TreadSafe tubes

ORDERING INFORMATION

CAT. NO.	MEMBRANE	PKG	WEIGHT LBS (KG)
RBP80TS040TPO	TPO	250	21 (9.55)
RBP80TS040PVC	PVC	250	21 (9.55)

†All sizes are nominal.



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ROOFING PRODUCTS

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RhinoBond® is protected under U.S. Patent Nos. 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. TreadSafe® is covered by Patent No. 8,763,332. RhinoBond® and TreadSafe® are trademarks of OMG, Inc. Copyright © 2015 OMG, Inc. All rights reserved.

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