

## PRODUCT DATA SPECIFICATIONS

### PRODUCT DESCRIPTION

TreadSafe™ is a fastening system designed for use in 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 Factory Mutual approved and accommodates OMG\*\* Extra Heavy Duty and RetroDriller fasteners, but can also be used with other OMG fasteners approved by the roofing system manufacturer. TreadSafe can also be used over non-compressible insulation to limit thermal bridging.

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

### FEATURES & BENEFITS

- TreadSafe is designed to accommodate the normal deflection of compressible roof insulation, minimizing the potential for the fastener to penetrate the roofing membrane.
- Compatible with FM and CE approved mineral wool, and polyisocyanurate insulation.
- Patented TreadSafe tubes lock onto compatible RhinoBond Plates and securely hold fasteners in place.
- Factory Mutual approved. See specific manufacturers for FM approvals.
- RhinoBond Plates meet FM 4470 and EAD030351-00-0402 criteria for corrosion resistance.

### APPLICATION

For best results, the minimum insulation thickness should be 2-in. (51-mm) 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.

### 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.

### 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 Induction Welding Tool.

RhinoBond is compatible with most common insulation types, including mineral wool, polyisocyanurate, as well as any insulation that will not melt by the induction welding process. Induction welding over extruded polystyrene (XPS) or expanded polystyrene (EPS) requires a minimum .5-in. (13-mm) cover board, or use of the OMG 4-in. (102-mm) Cardboard Discs.



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

\*For use with approved membranes only. Always verify membrane suitability and approvals with the roof system manufacturer prior to use.

\*\*Consult roofing manufacturer for specific system ratings and requirements.

#### KEY:

<b>S</b> Steel	<b>SC</b> Structural Concrete
<b>W</b> Wood	<b>LC</b> Lightweight Concrete
<b>G</b> Gypsum	<b>LWIC</b> Lightweight Insulating Concrete
<b>P</b> Purlins	<b>CWF</b> Cementitious Wood Fiber



USE WITH  
**S**  
**W**  
**SC**  
**P**  
DECK TYPES

### PHYSICAL DATA†

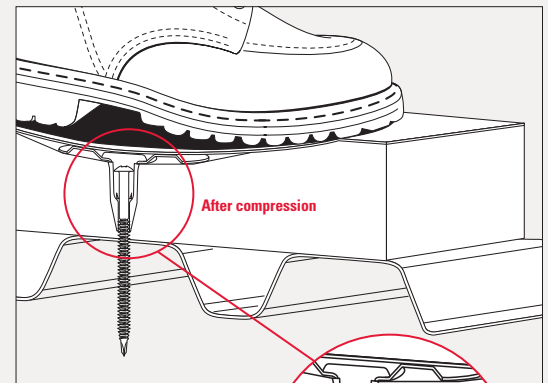
The data below is constant for each OMG RhinoBond plate and TreadSafe tube.

SIZE	MATERIAL
3-in. (80mm) round plates	Coated Galvalume plates
1.5-in. (40mm) long tubes	Polymer tubes

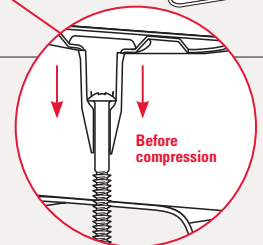
†All sizes are nominal.

### ORDERING INFORMATION

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



The TreadSafe tubes accommodate the normal deflection of compressible roof insulation, minimizing the potential for the fastener to penetrate the roofing membrane.



Superior productivity.  
Superior performance.



## ROOFING PRODUCTS

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