

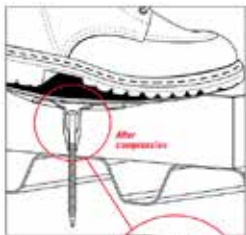


# DRILL-TEC™

## RHINO BOND® TPO

### XHD PLATE

Drill-Tec™  
RhinoBond®  
TPO XHD Plate



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.

#### Description

Drill-Tec™ RhinoBond® TPO XHD Plate is designed for use as the key element to the RhinoBond® single-ply membrane roofing attachment system. Drill-Tec™ RhinoBond® TPO XHD Plate is a 3" (76 mm) diameter Galvalume® steel plate with a special thermoplastic polyolefin (TPO) coating. When used with the RhinoBond® magnetic induction welding tool and appropriate Drill-Tec™ fasteners, The Drill-Tec™ RhinoBond® TPO XHD Plate will attach both insulation (or other substrate) and the EverGuard® TPO membrane to a structure's roof deck system. FM 1-90 or higher rating can be obtained with appropriate fasteners.

#### Application

Drill-Tec™ RhinoBond® TPO XHD Plate is used to attach rigid insulation to roof decks. The special TPO coating on the plates allows for EverGuard® TPO membrane to be welded to each plate using the RhinoBond® Magnetic Induction Welding Tool. Insulation and membrane are attached using one fastener to create a durable roofing system. Typical application to steel or wood deck will use a Drill-Tec™ XHD #15 Roofing Fastener or Drill-Tec™ SXHD # 21 Roofing Fastener. Fastener must be sized to penetrate steel decks a minimum of 3/4" (19.1 mm). Drive the fastener until the screw head is seated securely.

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 roofing membranes.\* For best results, the minimum insulation thickness should be 2 in. (51 mm) to accommodate deflection.

**Note:** Be careful not to overdrive the fastener and fracture the skin of the insulation. Fastener must be tight enough so that plate does not turn or move.

#### Code Approval



#### Advantages

- Drill-Tec™ RhinoBond® TPO XHD Plate reduces overall installation time for a single-ply roofing system.
- The Drill-Tec™ RhinoBond® TPO XHD Plate is a 3" (76 mm) diameter Galvalume® steel plate with a special thermoplastic polyolefin (TPO) coating.
- Use to attach insulation using conventional techniques. For best results, use a variable speed 0-2500 rpm screw gun.
- Plate sits flat on EnergyGuard™ Polyiso, Securock® Roof Board, and other high-density insulations.

\* For use with approved TPO membranes only.

#### Product Data

SKU #	Size	Bucket	Weight	Description
4574	3" (76 mm)	500	43 lb (19.5 kg)	TPO Coated Plate
4537	3" (76 mm)	500	43 lb (19.5 kg)	TPO Coated Plate for #21 Fastener
4574TSTPO	3" (76 mm)	500	43 lb (19.5 kg)	TreadSafe® TPO Coated Plate

**Note:** RhinoBond® is a registered trademark of OMG. Securock® is a registered trademark of USG.