



# DRILL-TEC™

## BASE SHEET FASTENER (1.7 in.)

### Description

Drill-Tec™ Base Sheet Fastener (1.7 in.) (43.1 mm) is precision-formed from G-90 galvanized steel, coated with OMG, and assembled with a 2.75" (69.9 mm) Galvalume® plate. A Pogo Stick or wooden mallet should be used to install the fastener. This fastener is designed to secure base sheets to a minimum 2" (51 mm) thickness of poured lightweight insulating concrete or various gypsums.

The Drill-Tec™ Base Sheet Fastener (1.7 in.) (43.1 mm) is Factory Mutual and Miami-Dade County Product Control approved.

### Application

The Drill-Tec™ Base Sheet Fastener (1.7 in.) (43.1 mm) will be embedded into a minimum of 2" (51 mm) of poured lightweight insulating concrete, smooth prior to roofing. For the best performance, the fastener should always be installed perpendicular to the substrate. Installation of fasteners too far apart or too close together can result in interaction of forces on the substrate and lead to a reduction of fastener performance.

**Note:** Prior to job start, contact the manufacturer to determine the correct nailing pattern. On reroofing applications, prior to job start, roof should be inspected or tested to determine the pullout values.

### Code Approvals



### Approvals

- Drill-Tec™ Base Sheet Fastener (1.7 in.) (43.1 mm) is Factory Mutual approved.
- Assembled 1.7 Base Sheet Fastener E greatly reduces installation time and labor cost.
- Assembled Base Sheet Fasteners are packaged for easy handling on roof.
- Fastener is CR-10 coated to prevent in-place corrosion.

### Plates & Accessories

- 1.7 Base Sheet Fastener E with plate is assembled with a Galvalume® 2.75" (69.9 mm) plate.
- Use a Pogo Stick or wooden mallet to install the fastener.

### Specifications

The fastener will be a Drill-Tec™ Base Sheet Fastener (1.7 in.) (43.1 mm) with a head size of 1.125" (28.6 mm) and a leg length of 1.75" (44.4 mm). For Factory Mutual applications, the fastener must be installed with a Factory Mutual-approved, Drill-Tec™ Base Sheet Galvalume® plate. The complete fastener, head, and legs must be OMG coated. The fastener must be Factory Mutual approved.

### Coating Requirement

The fastener will be coated with the Drill-Tec™ OMG corrosion-resistant coating. Fastener must meet FM Approval Standard 4470. The plate must be Galvalume® and also meet Factory Mutual Approval Standard 4470.

### FM Approved Drill-Tec™ Base Sheet (1.7 in.) Fastener Nailing Patterns

Due to frequent changes in Factory Mutual Approval requirements for the securement of base sheets to various lightweight concrete decks, please contact the roof cover manufacturer or Drill-Tec™ Fasteners for up-to-date information on approved fastening patterns.

### Product Data

#### Base Sheet Fastener:

Head Size	1.125" x 1" (28.6 mm x 25.4 mm)
Leg Length	1.7" (43.1 mm)
Material	G-90 galvanized with OMG coating
Material Thickness	.014 nominal

#### Plate:

Diameter	2.7" (69 mm)
Material	Galvalume®
Material Thickness	.014 nominal
Packaging Assembled	500 per carton
Shipping Weight	20 lb (9.07 kg)

*Note: All sizes are nominal.*

Drill-Tec™  
Base Sheet  
Fastener (1.7 in.)

