



# DRILL-TEC™

## BASE SHEET FASTENER (1.2 in.)

### Description

Drill-Tec™ Base Sheet Fastener (1.2 in.) (30.5 mm) is precision-formed from coated steel and assembled to a 2.7" (69 mm) Galvalume® plate.

A magnetic driver stick should be used to install the fastener. This fastener is designed to secure base sheets to a minimum 1.25" (31.8 mm) thickness of poured lightweight insulating concrete or various gypsums. The Drill-Tec™ Base Sheet Fastener E (1.2 in.) (30.5 mm) is Factory Mutual and Miami-Dade County Product Control approved.

### Application

The Drill-Tec™ Base Sheet Fastener (1.2 in.) (30.5 mm) will be embedded into a minimum of 1.25" (31.8 mm) of poured lightweight insulating concrete or various gypsums. Lightweight insulating concrete or gypsum must be surface dry and reasonably 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.

Drill-Tec™ Base Sheet Fastener (1.2 in.) (30.5 mm) is Factory Mutual approved with certain base sheet and insulated concrete combinations.

**Note:** On reroofing applications, prior to job start, verify pattern for specific deck type and roof cover; and test or inspect the roof deck to determine the pull-out values.

### Code Approvals



### Advantages

- Drill-Tec™ Base Sheet Fastener (1.2 in.) is Factory Mutual and Miami-Dade County Product Control approved.
- Assembled Drill-Tec™ Base Sheet Fastener E (1.2 in.) (30.5 mm) greatly reduces installation time and labor cost.
- Entire fastener is coated to prevent in-place corrosion.

### Plates & Accessories

- Drill-Tec™ Base Sheet Fastener (1.2 in.) (30.5 mm) is assembled with a Galvalume® 2.7" (69 mm) plate.
- Use a magnetic driver stick to install the fastener.

### Specifications

The fastener will be a Drill-Tec™ Base Sheet Fastener (1.2 in.) (30.5 mm) with a head size of 1.125" (28.6 mm) and a leg length of 1.2" (30.5 mm). For high-wind applications, the fastener must be assembled with a Factory Mutual-approved Drill-Tec™ Base Sheet Galvalume® plate. The complete fastener, head, and legs must be coated. The fastener must be Factory Mutual approved.

### Coating Requirement

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

### FM-Approved Drill-Tec™ Base Sheet Fastener (1.2 in.) 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 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	1.2" (30.5 mm)
Material	Polymer coating
Material Thickness	.014 nominal

#### Plate:

Diameter	2.7" (69 mm)
Material	Galvalume®
Material Thickness	.014 nominal
Packaging Assembled	500 per box
Shipping Weight	35 lb. (15.88 kg)

*Note: All sizes are nominal.*

Drill-Tec™  
Base Sheet  
Fastener (1.2 in.)  
(With Plate)

