

Drill-Tec™ CR Base Sheet Fastener With Plate

Data Sheet

Updated: 1/10



***Quality You Can Trust Since 1886...
From North America's Largest Roofing Manufacturer™***



DRILL-TEC™

CR-BASE SHEET FASTENER WITH PLATE

Use
With:
**Light-
weight
Insulating
Concrete
Decks**

Description

The Drill-Tec™ CR-Base Sheet Fastener With Plate is a, precision formed from G-90 galvanized steel, coated with CR-10, assembled with a 2.75" 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" thickness of poured lightweight insulating concrete or various gypsums.

The Drill-Tec™ CR-Base Sheet Fastener With Plate is Factory Mutual and Dade County approved.

Application

The Drill-Tec™ CR-Base Sheet Fastener will be embedded into a minimum of 2" 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



Advantages

- The Drill-Tec™ CR-Base Sheet Fastener is FM and Dade County approved.
- CR-Base Sheet Fastener meets FM Class I-150 Wind Uplift requirements when installed in accordance with FM requirements.
- Assembled CR-Base Sheet Fastener 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

- CR-Base Sheet Fastener with plate is assembled with a Galvalume® 2.75" plate.
- Use a Pogo Stick to install the fastener.

Specifications

The fastener will be a Drill-Tec™ CR-Base Sheet Fastener with a head size of 1.125" and a leg length of 1.75". For FM 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 CR-10 coated. The fastener must be Factory Mutual approved and made in the U.S.A.

Coating Requirement

The fastener will be coated with the Drill-Tec™ CR-10 corrosion resistant coating. Fastener must meet Factory Mutual Approval Standard 4470. The plate must be Galvalume® and also meet Factory Mutual Approval Standard 4470.

FM Approved CR-Base Sheet Fastener Nailing Patterns

Due to frequent changes in Factory Mutual 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.

**Drill-Tec™
CR-Base Sheet
Fastener
With Plate**



Product Data

Base Sheet Fastener:

Head Size	1.125" x 1"
Leg Length	1.75"
Material	G-90 galvanized with CR-10 coating
Material Thickness	.014 nominal

Plate:

Diameter	2.75"
Material	Galvalume®
Material Thickness	.014 nominal
Packaging Assembled	500 per carton
Shipping Weight	21 lbs.

Catalog Number:

CR-Base Sheet Fastener With Plate	459C
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