

LIGHTWEIGHT INSULATING CONCRETE



Thermoplastic Single Ply and Multi-Ply Roofing Systems

800-969-0108 • 610-916-9501 (Fax)
2670 Leisz's Bridge Road, Suite 400, Leesport, PA 19533
e-mail: flexroof@cs.com • www.flexroofingsystems.com

PRODUCT DESCRIPTION

The Flex CR 1.2 Base Sheet Fastener is a one piece unit, precision formed from G-90 galvanized steel coated with CR-10. A Flex Pogo Stick or wooden mallet should be used to install the fastener. This fastener is designed to secure base sheets to a minimum 1.25" thickness of poured lightweight insulating concrete or various gypsums.

APPLICATION

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.

F.M. Approved

A plate is required for all FM applications.

Note: On reroofing applications, prior to job start, roof should be inspected or tested to determine the pullout values.

PHYSICAL DATA

Base Sheet Fastener: Head Size: 1.125" x 1"
Leg Length: 1.2"

Material: G-90 galvanized with CR-10 coating
Material Thickness: .014 nominal

Plate:

Diameter: 2.75" Material: Galvalume®
Material Thickness: .014 nominal

Packaging:

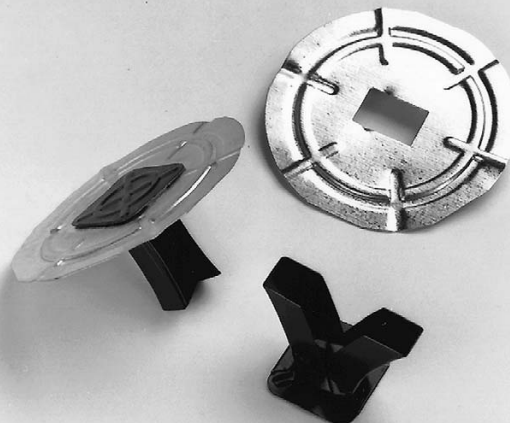
Assembled:	1000 per carton	Shipping Weight: 37 lbs.
Standard:	1000 per carton	Shipping Weight: 16 lbs.
Plate:	1000 per carton	Shipping Weight: 20 lbs.

Catalog Number:

Assembled CR 1.2 Base Sheet Fastener:	CRBSA120
Standard CR 1.2 Base Sheet Fastener:	CRBF120
Base Sheet Plate:	BFSP3

CR 1.2 BASE SHEET FASTENER

STANDARD OR ASSEMBLED



Fast Facts

The Flex CR 1.2 Base Sheet Fastener is designed to secure base sheets to lightweight insulating concrete or various gypsums.

FEATURES & BENEFITS

- CR 1.2 Base Sheet Fastener & Plate exceeds F.M. Class I-90 Wind Uplift requirements when installed in accordance with I-90 nailing pattern.
- Assembled CR 1.2 Base Sheet Fastener greatly reduces installation time and labor cost.
- Entire fastener is CR-10 coated to prevent in-place corrosion.

COATING

Flex CR-10 corrosion resistant coating. CR-10 coating exceeds F.M. Approval Standard 4470.

PLATES & ACCESSORIES

Assembled CR 1.2 Base Sheet Fastener is assembled with a Galvalume® 2.75" plate. Use the Flex Pogo Stick to install the fastener. See Accessories section.

LIGHTWEIGHT INSULATING CONCRETE

CR 1.2 BASE SHEET FASTENER

STANDARD OR ASSEMBLED

SPECIFICATION

The fastener will be a Flex CR 1.2 Base Sheet Fastener with a head size of 1.125" and a leg length of 1.2". For high-wind applications, the fastener must be assembled with a Factory Mutual approved, Flex 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 America.

COATING REQUIREMENT

The fastener will be coated with the Flex CR-10 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.

APPLICATION

The Flex CR 1.2 Base Sheet Fastener will be embedded into a minimum of 1.25" of poured lightweight insulating concrete or various gypsums. Lightweight insulating concrete or gypsum must be surface dry. For 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: On reroof applications, prior to job bid, roof should be tested or inspected to determine the pullout values.

PHYSICAL DATA

CR 1.2 Base Sheet Fastener: Head Size: 1.125" x 1" Leg Length: 1.2"

Material: G-90 galvanized and CR-10 steel Material Thickness: .014 Nominal

Plate: Diameter: 2.75" Material: Galvalume® Material Thickness: .014 Nominal

Packaging: Assembled: 1000/carton Standard: 1000/carton Plates: 1000/carton

F.M. APPROVED CR 1.2 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 Flex for up-to-date information on approved fastening patterns.



Thermoplastic Single Ply and Multi-Ply Roofing Systems

800-969-0108 • 610-916-9501 (Fax)
2670 Leisz's Bridge Road, Suite 400, Leesport, PA 19533
e-mail: flexroof@cs.com • www.flexroofingsystems.com