

Flex ASAP® 3P

Assembled Screw and 3" Locking Plastic Plate

PRODUCT DATA SPECIFICATIONS

PRODUCT DESCRIPTION

The Flex ASAP 3P (Assembled Screw And Plate) is designed to secure insulation to steel and wood substrates. The Flex ASAP 3P is a Flex Standard RoofGrip® Fastener (#12) assembled with a Flex 3-in. Locking Plastic Plate.

Flex ASAP 3P fasteners are stocked in lengths from 2¼-in. to 8-in. Longer lengths are assembled to order.

The Flex ASAP 3P is Factory Mutual and Miami-Dade County approved.

FEATURES & BENEFITS

- The Flex ASAP 3P greatly reduces installation time and labor costs.
- A Flex Standard Roofing Fastener assembled with a Flex 3-in. Locking Plastic Plate.
- No special installation tool required.
- Locking plate prevents fastener pop-up.

COATING

CR-10 corrosion resistant coating passes the corrosion requirements of FM Approval Standard 4470 and ETAG 006.

APPLICATION

The Flex ASAP 3P must penetrate steel decks a minimum of ¾-in. Drive the fastener until a slight depression is seen around the plate, or with very rigid insulation boards, watch for the plate to dimple.

For the fastest, most effective method of installation, use the Tall Boy® tool.

Note: Care must be taken not to over-drive the fastener and fracture the skin of the insulation. Fastener must be tight enough so that the plate does not turn.

For steel decks, Factory Mutual requires that the fastener penetrate the deck at the top flute.

PLATES & ACCESSORIES

For best installation results, use a variable speed 0–2500 RPM screw gun. For the fastest, most effective method of installation, use the Tall Boy Installation Tool. **See Accessories section.**



APPROVALS



FlexTM
Thermoplastic Single Ply and Multi-Ply
Roofing & Waterproofing Systems

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USE
WITH
S
W
DECK
TYPES

PHYSICAL DATA**

The data below is constant for each Flex ASAP 3P.

HEAD	THREAD
#3 Phillips Truss Head* .435" Diameter	.220" Diameter
PLATE MATERIAL	FASTENER COATING
Polypropylene	CR-10

*#3 Phillips bit included in each carton.

ORDERING INFORMATION

CAT. NO.	LENGTH	THREAD	PKG	WEIGHT
RGDP214PLL3S	2¼"	Full	250	11 lbs.
RGDP003PLL3S	3"	Full	250	12 lbs.
RGDP004PLL3S	4"	3"	250	13 lbs.
RGDP005PLL3S	5"	3"	250	18 lbs.
RGDP006PLL3S	6"	4"	250	19 lbs.
RGDP007PLL3S	7"	4"	250	20 lbs.
RGDP007PLL3S	8"	4"	250	22 lbs.
TALLBOY-COMBO	30"	NA	1	8 lbs.

**All dimensions are nominal.

KEY:

S Steel	SC Structural Concrete
W Wood	LC Lightweight Concrete
G Gypsum	LWIC Lightweight Insulating Concrete
P Purlins	CWIF Cementitious Wood Fiber

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SPECIFICATION

The fastener will be a Flex Standard RoofGrip Fastener (#12) with a thread diameter of .220". The fastener must have 12.5 threads per inch and a drill point. Also, the fastener must be heat treated per specification OMG-1. The Flex ASAP fastener will be preassembled with a Factory Mutual approved, Flex 3-in. Locking Plastic Plate. The fastener must be Factory Mutual approved.

COATING REQUIREMENT

The fastener will be coated with the CR-10 corrosion resistant coating which passes the corrosion requirements of FM Approval Standard 4470 and ETAG 006.

APPLICATION

The Flex ASAP must penetrate the deck a minimum of ¾-in. Using a screw gun, drive the fastener until a slight depression is seen around the plate, or with very rigid insulation boards, watch for the plate to dimple.

Note: Care must be taken not to overdrive the fastener and fracture the skin of the insulation. Fastener must be tight enough so that the plate does not turn. Factory Mutual requires that the fastener penetrates the steel deck at the top flute.

For best installation results, use a variable speed 0–2500 RPM screw gun.

PHYSICAL DATA*

The data below is constant for each Flex ASAP 3P.

HEAD	THREAD
#3 Phillips Truss Head .435" Diameter	.220" Diameter
	FASTENER COATING
	CR-10
PLATE MATERIAL	PACKAGING
Polypropylene	250/carton

*All dimensions are nominal.

FLEX ASAP 3P LENGTH SELECTION PROCEDURE

1. If applicable, determine the thickness of the existing roofing material.
2. Add thickness of new insulation.
3. Add ¾-inch minimum fastener penetration.
4. If odd size requirement, always size up in length, not down. See example:

	Example:	Your Project:
Existing Roofing	1¾"	
New Insulation	½"	
Min. Embedment	¾"	¾"
Total Fastening	3"	
Correct Length	3"	

The proper Flex ASAP 3P for this example is 3 inches.

FlexTM
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