



ASAP® 3P

Assembled Screw and 3-in. (75 mm) Plastic Plate

PRODUCT DATA SPECIFICATIONS

PRODUCT DESCRIPTION

The OMG ASAP 3P (Assembled Screw And Plate) is designed to secure insulation to steel and wood substrates. The OMG ASAP 3P is an OMG Standard RoofGrip® Fastener (#12) assembled with an OMG 3-in. (75 mm) Locking Plastic Plate.

OMG ASAP 3P fasteners are stocked in lengths from 2¼-in. to 8-in. (55 mm to 200 mm). Longer lengths are assembled to order.

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

FEATURES & BENEFITS

- The OMG ASAP 3P greatly reduces installation time and labor costs.
- An OMG Standard Roofing Fastener assembled with an OMG 3-in. (75 mm) Locking Plastic Plate.
- No special installation tool required.
- Locking plate prevents fastener pop-up.

COATING

OMG CR-10 corrosion resistant coating passes the corrosion requirements of FM Approval Standard 4470 and EAD030351-00-0402.

APPLICATION

The OMG ASAP 3P must penetrate steel decks a minimum of ¼-in. (20 mm). 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 OMG 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.



APPROVALS



Factory Mutual listings refer to this product as Standard Plastic ASAP.



USE WITH **S** **W** DECK TYPES

PHYSICAL DATA**

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

HEAD	THREAD
#3 Phillips Truss Head* .435" (11.04 mm) Diameter	.220" (5.58 mm) Diameter
PLATE MATERIAL	FASTENER COATING
Polypropylene	CR-10

*#3 Phillips bit included in each carton.

ORDERING INFORMATION

CAT. NO.	LENGTH IN (MM)	THREAD IN (MM)	PKG QTY	WEIGHT LBS (KG)
RGDP214PLL3S	2¼ (55)	Full	250	11 (4.99)
RGDP003PLL3S	3 (75)	Full	250	12 (5.45)
RGDP004PLL3S	4 (100)	3 (76)	250	13 (5.9)
RGDP005PLL3S	5 (125)	3 (76)	250	16 (7.26)
RGDP006PLL3S	6 (150)	4 (102)	250	17 (7.7)
RGDP007PLL3S	7 (175)	4 (102)	250	18 (8.17)
RGDP008PLL3S	8 (200)	4 (102)	250	20 (9.08)
TALLBOY-COMBO	30 (760)	NA	1	8 (3.63)

**All sizes are nominal.

KEY:

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



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SPECIFICATION

The fastener will be an OMG Standard RoofGrip Fastener (#12) with a thread diameter of .220-in. (5.58 mm). 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 OMG ASAP fastener will be preassembled with a Factory Mutual approved, OMG 3-in. (75 mm) Locking Plastic Plate. The fastener must be Factory Mutual approved.

COATING REQUIREMENT

The fastener will be coated with the OMG CR-10 corrosion resistant coating which passes the corrosion requirements of FM Approval Standard 4470 and EAD030351-00-0402.

APPLICATION

The OMG ASAP must penetrate the deck a minimum of 3/4-in. (20 mm). 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.

PHYSICAL DATA *

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

HEAD	THREAD
#3 Phillips Truss Head .435" (11.04 mm) Diameter	.220" (5.58 mm) Diameter
	FASTENER COATING
	CR-10
PLATE MATERIAL	PACKAGING
Polypropylene	250/carton

*All sizes are nominal.

OMG ASAP 3P LENGTH SELECTION PROCEDURE

1. If applicable, determine the thickness of the existing roofing material.
2. Add thickness of new insulation.
3. Add 3/4-in. (20 mm) minimum fastener penetration.
4. If odd size requirement, always size up in length, not down. See example:

	Example:	Your Project:
Existing Roofing	1 3/4-in. (45 mm)	_____
New Insulation	1/2-in. (13 mm)	_____
Min. Embedment	3/4-in. (20 mm)	3/4-in. (20 mm)
Total Fastening	3-in. (75 mm)	_____
Correct Length	3-in. (75 mm)	_____

The proper OMG ASAP 3SP for this example is 3-in. (75 mm).



ROOFING PRODUCTS

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Superior performance.

