



ASAP® 3S

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

PRODUCT DATA SPECIFICATIONS

PRODUCT DESCRIPTION

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

OMG ASAP 3S fasteners are stocked in lengths from 1½-in. to 8-in. (40 mm to 200 mm). Longer lengths are assembled to order.

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

FEATURES & BENEFITS

- The OMG ASAP 3S greatly reduces installation time and labor costs.
- An OMG Standard Roofing Fastener assembled with an OMG 3-in. (75 mm) Galvalume® plate.
- No special installation tool required.
- Steel plate sits flat on hard cover boards and other high density insulations.

COATING

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

APPLICATION

The OMG ASAP 3S 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 Steel ASAP.



USE WITH
S
W
DECK TYPES

PHYSICAL DATA**

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

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

*#3 Phillips bit included in each carton.

ORDERING INFORMATION

CAT. NO.	LENGTH IN (MM)	THREAD IN (MM)	PKG QTY	WEIGHT LBS (KG)
RGDP158SPGA3AS	1½ (40)	Full	250	15 (6.81)
RGDP214SPGA3AS	2¼ (55)	Full	250	15 (6.81)
RGDP003SPGA3AS	3 (75)	Full	250	16 (7.26)
RGDP004SPGA3AS	4 (100)	3 (76)	250	18 (8.17)
RGDP005SPGA3AS	5 (125)	3 (76)	250	20 (9.08)
RGDP006SPGA3AS	6 (150)	4 (100)	250	21 (9.53)
RGDP007SPGA3AS	7 (175)	4 (100)	250	23 (10.44)
RGDP008SPGA3AS	8 (200)	4 (100)	250	24 (10.89)
TALLBOY-COMBO	30 (760)	NA	1	8 (3.63)

**All sizes are nominal.

KEY:

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



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PRODUCT DATA SPECIFICATIONS

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 assembled with a Factory Mutual approved, OMG 3-in. (75 mm) Galvalume® 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 steel decks 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 penetrate the steel deck at the top flute.

PHYSICAL DATA *

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

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

*All sizes are nominal.

OMG ASAP 3S 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 1/4-in. (83 mm)	_____

The proper OMG ASAP 3S for this example is 3 1/4-in. (83 mm).



ROOFING PRODUCTS

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Superior performance.

