



DRILL-TEC™

ASAP® 3P ASSEMBLED SCREW AND 3" PLASTIC LOCKING PLATE

Description

Drill-Tec™ ASAP® 3P Assembled Screw And 3" (76 mm) Plastic Locking Plate is designed to secure insulation to steel and wood substrates. The Drill-Tec™ ASAP® is a Drill-Tec™ Standard Roofing Fastener assembled with a Drill-Tec™ 3" (76 mm) Plastic Locking Plate. The Drill-Tec™ ASAP® is available in lengths from 2-1/4" (57.1 mm) to 8" (203 mm). The Drill-Tec™ ASAP® is Factory Mutual and Miami-Dade County Product Control approved.

Application

The Drill-Tec™ ASAP® 3P must penetrate steel decks a minimum of 3/4" (19.1 mm). Drive the fastener until a slight depression is seen around the plate; with very rigid insulation boards, watch for the plate to dimple. For a plywood deck, the screw must penetrate the deck a min of 1/2" (25.4 mm). For a wood plank, a 1" (12.7 mm) min embedment is required. For the fastest, most effective method of installation, use the TallBoy® Installation Tool.

Note: Be careful not to overdrive the fastener and fracture the skin of the insulation. Fastener must be tight enough so that the plate doesn't turn.

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

Code Approvals



Advantages

- The Drill-Tec™ ASAP® 3P greatly reduces installation time and labor costs.
- A Drill-Tec™ Standard Roofing Fastener assembled with a Drill-Tec™ 3" (76 mm) Plastic Locking Plate.
- No special installation tool required.
- Locking plate prevents fastener pop-up.

Drill-Tec™
ASAP® 3P
Assembled
Screw And
3" Plastic
Locking Plate



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 TallBoy® Installation Tool.

Specifications

The fastener will be a Drill-Tec™ ASAP® with a thread diameter of .220 (5.58 mm). The fastener must have 12.5 threads per inch (per 25.4 mm) and a 30° drill point. Also, the fastener must be heat-treated per specification OMG-1. The Drill-Tec™ ASAP® Fastener will be preassembled with a Factory Mutual-approved Drill-Tec™ 3" (76 mm) Plastic Locking Plate. The fastener must be Factory Mutual approved.

Coating Requirement

The fastener will be coated with the Drill-Tec™ CR-10 corrosion-resistant coating. When subjected to 30 Kesternich cycles (DIN 50018), the fastener must show less than 15% red rust and surpass Factory Mutual Approval Standard 4470.

Note: TallBoy® and ASAP® are registered trademarks of OMG.

Product Data

Thread Diameter	.220 (5.58 mm)
Head Diameter	.435 (11.04 mm)
Head Style	#3 Phillips Truss Head*
Coating	CR-10
Plate Material	Polypropylene
*#3 Phillips bit included in each carton.	

LENGTH	THREAD	PKG (BOX)	WEIGHT
2 1/4" (57.1 mm)	Full	250	11 lb (4.99 kg)
3" (76 mm)	Full	250	13 lb (5.90 kg)
4" (102 mm)	3" (76 mm)	250	16 lb (7.26 kg)
5" (127 mm)	3" (76 mm)	250	17 lb (7.71 kg)
6" (152 mm)	4" (102 mm)	250	19 lb (8.62 kg)
7" (178 mm)	4" (102 mm)	250	21 lb (9.53 kg)
8" (203 mm)	4" (102 mm)	250	22 lb (9.98 kg)

Note: All sizes are nominal.

Example: Drill-Tec™ ASAP® 3P Length Selection Procedure For Steel Deck

1. If applicable, determine thickness of existing roofing material.
2. Add thickness of new insulation.
3. Add 3/4" (19.1 mm) minimum fastener penetration.
4. If odd size requirement, always size up in length, not down. See example below.

Example

Existing Roofing:	1 3/4" (44.4 mm)
New Insulation:	+ 1/2" (12.7 mm)
Min. Embedment:	+ 3/4" (19.1 mm)
Total Fastening Range:	= 3" (76 mm)

The proper ASAP® 3P for the example is 3 1/4" (82.5 mm).

Use this format to calculate correct fastener size:

Existing Roof:	
New Insulation:	+
Min. Embedment:	+ 3/4" (19.1 mm)
Total Fastening Range:	=

The proper ASAP® 3P is: