

Drill-Tec™ ASAP® 3P Assembled ScREW and 3” Locking Plastic Plate

Data Sheet

Updated: 1/10



***Quality You Can Trust Since 1886...
From North America's Largest Roofing Manufacturer™***



Use
With:
**Steel
And
Wood
Decks**

DRILL-TEC™

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

Description

The Drill-Tec™ ASAP® 3P (Assembled Screw And 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" Plastic Locking Plate. The Drill-Tec™ ASAP® is available in lengths from 2-1/4" to 8". The Drill-Tec™ ASAP® is Factory Mutual and Dade County approved.

Application

The Drill-Tec™ ASAP® 3P must penetrate steel decks a minimum of 3/4". Drive the fastener until a slight depression is seen around the plate; with very rigid insulation boards, watch for the plate to dimple. Plywood Deck the screw must penetrate the deck a min of 1/2" wood plank a 1" 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" Plastic Locking Plate.
- No special installation tool required.
- Locking plate prevents fastener pop up.

**Drill-Tec™
Asap® 3P
Assembled
Screw And
3" Locking
Plastic 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. The fastener must have 12.5 threads per inch and a 30° spade 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" Plastic Locking Plate. The fastener must be Factory Mutual approved and made in the U.S.A.

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.

Product Data

Thread Diameter	.220
Head Diameter	.435
Head Style	#3 Phillips Truss Head*
Coating	CR-10
Plate Material	Polypropylene

*#3 Phillips bit included in each carton.

SKU #	Length	Thread Length	Packaging	Weight
459D	2 1/4"	Full	250	11 lbs
459E	2 7/8"	2 5/8"	250	12 lbs
459F	3 1/4"	3"	250	13 lbs
459G	3 3/4"	3"	250	14 lbs
459H	4 1/2"	3"	250	16 lbs
459I	5"	3"	250	17 lbs
459J	6"	4"	250	19 lbs
459K	7"	4"	250	21 lbs
459L	8"	4"	250	22 lbs

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" minimum fastener penetration.
4. If odd size requirement, always size up in length, not down. See example below.

Example

Existing Roofing: 1 3/4"
New Insulation: + 1/2"
Min. Embedment: + 3/4"
Total Fastening Range: = 3"

The proper ASAP® 3P for the example is 3 1/4".

Use this format to calculate correct fastener size:

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

The proper ASAP® 3P is: