

ATEAM Aluminum Fastener

The ATEAM fastener was developed to fill the need for a fastener that would be compatible with screw through Aluminum roofing panels and trim. Also useful in high corrosion environments such as the installation of aluminum liner panels in animal confinement buildings.

Features:

- Drilling, tapping and fastening all in one step.
- Select hardened fastener with #1 drilling point to drill and tap 0.032 or 0.040 thickness of aluminum panels.
- This fastener meets Florida Building Code 2017 code version corrosion resistance requirements FBC1506.6 and FBC R902.5.2.
- Assembled with a large EPDM with Aluminum washer guard for proper sealing and better load distribution.



Specifications

#12 Diameter HWH Hardened Aluminum

Double shear strength	459 lbs Avg
1/2" Plywood (15/32" CDX)	441 lbs Ult
7/16" OSB	212 lbs Ult
2" x 4" Pine (SYP, 1" Penetration)	481 lbs Ult

Above values tested to the TAS 117 (A) Standard in 2019. Above values are average ultimate values. Values may change with strength and condition of substrate wood.

ASTM G85 Annex 5 corrosion and accelerated weathering testing completed on April 3-2020—May 29, 2020 to test corrosion resistance and aluminum panel compatibility. Test 2086T0004-4 PRI.

COO: Manufactured in Europe

Selection

<u>Sizes</u>	<u>Qty/Box</u>	<u>Color</u>	<u>Part#</u>
#12 x 1-1/2"	2,000	Bright White	DMI4A12150014
#12 x 1-1/2"	2,000	Silver	DMI4A121501161

Other colors are painted per order.

Installation

5/16" Spring clip driver suggested for installation.

0-2500 rpm electric screw gun with depth sensing nose piece or torque control device.

Do not overdrive or under drive, not suggested for use with impact driver installation tools.

Suggested 1" minimum penetration into substrate.

Limitations: Not recommended for installation by impact drivers or hammer drills.

Designed for use with aluminum sheet metal panels not tested with galvanized, galvalume, copper or stainless steel panels.