

# PLYFAST™ #12 PRE-ASSEMBLED FASTENER

## Product Data Sheet

**Product Name:** PLYFAST™ #12 Pre-Assembled Fastener

**Product Description:** The pre-assembled fastener consist of #12 Drill Point Fastener and 3" metal plate forming a single unit, making for faster, easier fastening to metal decks. **Fastener:** #12 precision formed from corrosion resistant steel that meets or exceeds FM 4470 corrosion standards and withstands 30 cycles of the Kesternich DIN 50018 SFW 2.0 test. **Thread:** 15 1/2 twin lead threads per inch. Twin lead threads are two complete sets of threads, one opposite the other for fastener drilling and perpendicular entry into the deck. **Head:** Two head styles available - #3 deep recess Phillips drive or 1/4" Hex washer head. **Plate:** Uses PlyFast™ 3" Metal Stress Plate (pre-assembled).

**Back-out Resistance:** Tapered wedge entry action wedges the screw tightly into the deck to provide back-out resistance. Typical back-out steel deck (18 ga. through 24 ga.) 10-14 in lbs.

**Use:** PlyFast™ #12 Pre-Assembled Fasteners are designed to attach insulation to steel (18 ga. – 22 ga.) decks. Also Factory Mutual approved for wood decks. Can be used to fastened base sheets through insulation to steel or wood decks.

**Approvals:** PlyFast™ #12 Pre-Assembled Point Fastener is listed or approved with Factory Mutual (FM). Contact U.S. Ply, Inc. for specific/applicable codes.

**Fastening Pattern:** Consult Factory Mutual requirements for recommended patterns in normal, exposed, and high wind velocity areas.

**Field Testing:** On-site withdrawal testing should always be performed to evaluate the ability of the roofing substrate to satisfactorily accept and retain fasteners. Such testing may alter fastener selection and modify applicable fastening patterns.

### INSTALLATION:

**Equipment:** Designed to be used in conjunction with the PA Tool, Setter and Pouch for an affordable and productive installation of fasteners. The PA Tool is available in 10" and 20" extensions. Comes with magnet tipped body and is compatible with most screw guns. The setter and pouch make the system complete. The setter is magnetized and allows you to efficiently insert pre-assembled plates and fasteners into the insulation.

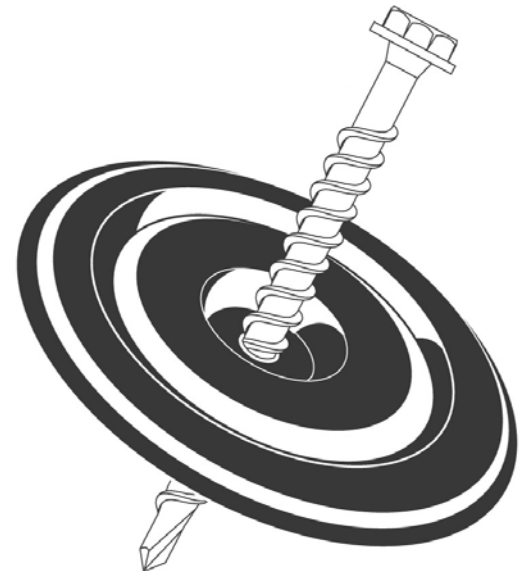
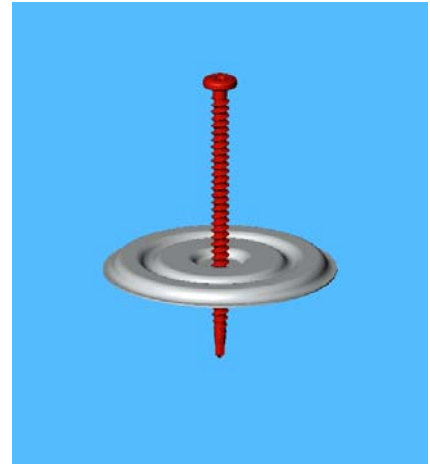
### Standard Fastener Lengths:

1-5/8", 2-1/4", 2-7/8", 3-1/4", 3-3/4", 4-1/2", 5", 6", 7" or 8".

### Packaging:

250 PlyFast™ #12 Pre-Assembled Fasteners per carton up to 6" lengths.

200 PlyFast™ #12 Pre-Assembled Fasteners per carton in 7" and 8" lengths.



**U.S. PLY, INC.**

A DANNY ADAIR COMPANY

Corporate Headquarters: P.O. Box 11740, Fort Worth, Texas 76110

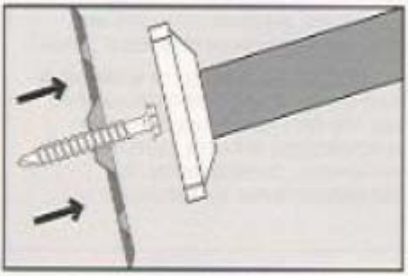
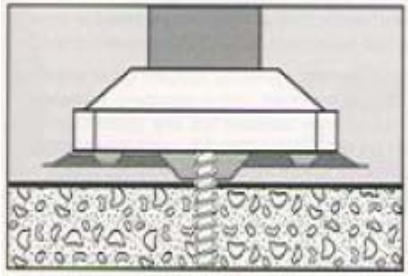
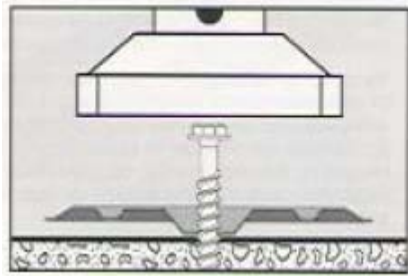
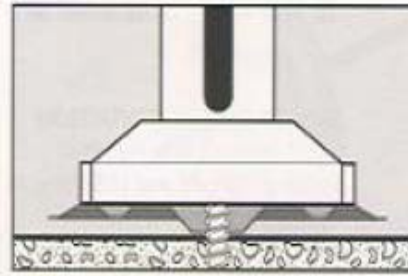
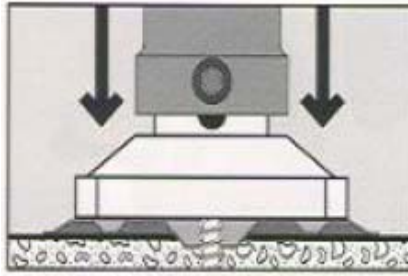

TOLL-FREE: 877-62USPLY (877) 628-7759 • Local: (817) 413-0103 • Fax: (817) 413-8221

Website: [www.usply.com](http://www.usply.com) • Email: [sales@usply.com](mailto:sales@usply.com) January 2006

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### Installation for Pre-Assembled System

		
<p><i>Put the pre-assembled fastener and plate on the end of the setter. Adjust to prevent stripping of the plate from the fastener</i></p>	<p><i>Simply insert the setter into insulation board.</i></p>	<p><i>Position the PA (Pre-Assembled Tool) over the pre-assembled unit.</i></p>
		
<p><i>Firmly fit the PA Tool over pre-assembled unit to install</i></p>	<p><i>The PA Tool drives the pre-assembled fastener and plate into place in one easy step.</i></p>	<p><i>Finished installation of the pre-assembled fastener and plate into the insulation board and deck</i></p>

**Limited Warranty:** U.S. Ply, Inc. warrants this product for one year from date of sale against defective workmanship and material, and its liability therefore shall be limited to replacing defective products reported defective during the warranty period. U.S. Ply, Inc. is not responsible for any failure attributable to improper use or installation in any manner inconsistent with manufacturer's specifications.

This limited warranty shall not apply if:

1. The integrity of the Screws and/or Plates is damaged during installation or otherwise;
2. The System has not been properly installed and maintained;
3. The System components have not been installed and maintained to prevent corrosion and/or deterioration due to moisture or chemicals prior to, during, and after construction;
4. PLYFAST Products have been repaired or altered in any way inconsistent with published installation instructions.
5. There is any damage resulting from accident, acts of God, alteration, negligence, misuse or abuse;
6. Depreciation or deterioration of building materials and/or roofing system components other than PLYFAST Products are a factor in or have contributed to the loss of satisfactory holding ability of the PLYFAST Products; or
7. PLYFAST Products are not installed with good workmanship or not in accordance with the then current FM Approved or other approved Wind Uplift Design application pattern, specifications, and procedures or not in accordance with U.S.PLY's most current specifications for installation and maintenance of such System.

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, ALL OF WHICH ARE EXPRESSLY DISCLAIMED INCLUDING ANY WARRANTY OF MERCHANTABILITY AND ANY WARRANTY OF FITNESS FOR PARTICULAR USE. This warranty provides specific legal rights and remedies which may vary from state to state.

#### **IMPORTANT:**

Prior to roofing, on-site withdrawal testing should always be performed to evaluate the ability of the roofing substrate to satisfactorily accept and retain fasteners. Such testing may alter fastening selection and modify applicable fastening patterns.

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