



# PLYFAST® #14 FASTENER

**Description:** PLYFAST® #14 Fasteners are formed from corrosion resistant steel and are designed to secure insulation and base membranes to standard steel (18 ga.–22 ga.), wood and structural concrete decks. It is available in lengths from 1-1/4-in. to 12-in. The PlyFast #14 Fastener is also Factory Mutual approved. Head Style: Available - #3 Phillips Truss Head.

**Features & Benefits:**

Available with #3 Phillips truss head.  
Heavier shank and thread diameters for maximum strength and pullout resistance.  
For insulation/membrane attachment to steel, wood and structural concrete.  
FM approved.

**Corrosion Coating:** Corrosion resistant coating exhibits less than 15% red rust which meets or exceeds FM 4470 corrosion standards and withstands 30 cycles of the Kesternich DIN 50018 SFW 2.0 test.

**Application:** PlyFast #14 Fasteners must penetrate steel decks a minimum of 3/4-in., wood plank decks a minimum of 1-in. and 1/2-in. through the underside for plywood decks. The fastener must penetrate structural concrete decks a minimum of 1-in. Pre-drill a 3/16-in pilot hole at least 1/2-in deeper than fastener embedment using a carbide tip SDS or straight bit shank. 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 insulation facer.** 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.

**Plate:** Uses PlyFast® 3” Metal Stress Plate (sold separately).

**Tools:** For best installation result, use a variable speed 0–2500 RPM screw gun. Always use appropriate drive bit for fastener head. To speed installation, appropriate fastener parts are available pre-assembled or can be used with matching insulation plates, belted systems, or auto-feed installation tools. See PlyFast® Fastener Information Guide for specific details.

**Approvals:** PlyFast® #14 Fastener is listed or approved with Factory Mutual (FM). Contact U.S. Ply, Inc. for specific/applicable codes.

**Fastening Pattern:** Consult U.S. Ply Technical Department and/or Factory Mutual requirements for recommended patterns in normal, exposed, and high wind velocity areas.

Product Data: PLYFAST® #14 Fastener Phillips (typical)		
Property	#14 Fastener D	#14 Fastener T
Head Type	#3 Phillips	#3 Phillips
Head Height	.118"	.110"
Head Dia. Max	.448"	.438"
Thread Major Dia.	.238"	.237"
Shank Dia.	.180"	.180"
Tensile Strength (lbs ult)	3600	3200
Shear Strength	2630	2200
Corrosion Resistance	< 15% Red Rust after 30 cycles	< 15% Red Rust after 30 cycles



**PROUDLY**  
MADE IN THE U.S.A.

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