

PLYFAST™ 75 BASE PLY FASTENER

Product Data Sheet

Product Name: PLYFAST™ 75 Base Ply Fastener

Product Description: Fastener: Precision formed from corrosion resistant Galvanized (G-90) steel. Exposed surfaces are further protected with a special elastomeric polymer coating to prevent corrosion. Rectangular dual gripping legs, 1.2" long. **Disk:** Integrally locked to fastener. Precision formed from corrosion resistant Galvalume (AZ-55) steel to prevent corrosion. Rib reinforced cap, 2.7" diameter.

Use: PlyFast™ 75 Base Ply Fasteners are designed to attach base sheets to higher density lightweight insulating concrete, NVS Concrete and various poured gypsum roof decks.

Approvals: PlyFast™ 75 Base Ply 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.

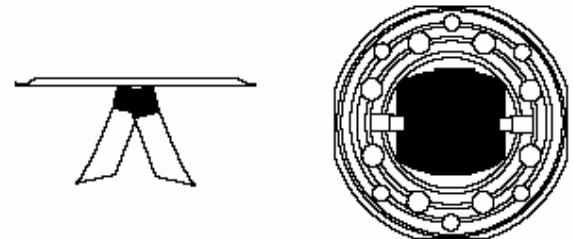
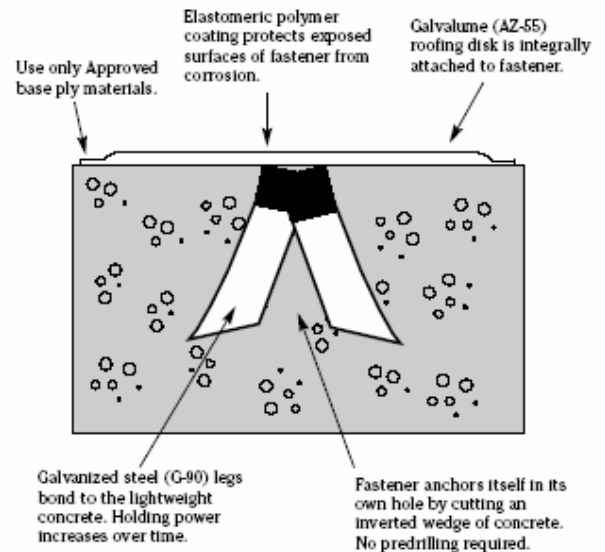
INSTALLATION:

Equipment: Always use PlyFast™ Magnetic Drivers. Consult manufacturer for the specific driver for your application. **Method:** Drive PlyFast™ 75 as an ordinary nail. DO NOT TOE. Seat cap flush with roofing surface (see illustration). **Operation:** As PlyFast™ 75 is driven, dual legs diverge and cut a plug of deck material which wedges and anchors the PlyFast™ 75 in its own hole. No predrilling is required.

Packaging:

1,000 PlyFast™ 75 Base Ply fasteners per carton. Shrink wrapped and palletized. Gross weight: 34 lbs.

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 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.



Length: 1.2 inches

Diameter: 2.7 inches

**BASE PLY TO HIGHER DENSITY
LIGHTWEIGHT INSULATING
CONCRETE, NVS CONCRETE,
AND VARIOUS GYPSUM ROOF
DECKS**

U.S. PLY, INC.

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USING THE PLYFAST™ 75 BASE PLY FASTENER:

Fastener density and spacing vary depending on applicable uplift requirements. Local codes, governing Approval bodies, membrane manufacturers, and individual roof deck manufacturers all may have specific requirements that need to be addressed prior to beginning any roofing project.

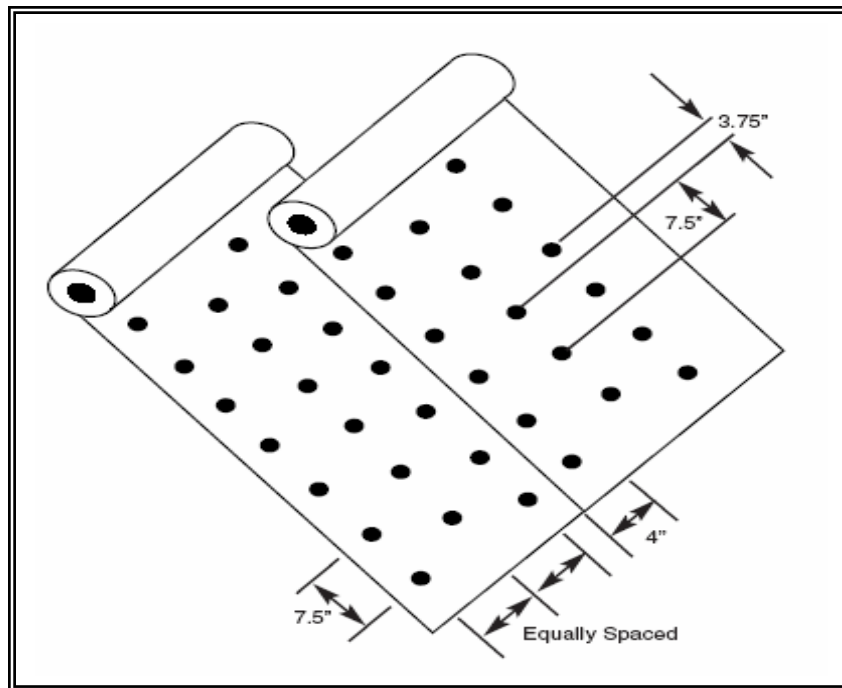
The following illustrates a typical Factory Mutual Approved fastening pattern widely accepted for use by membrane and roof deck manufacturers.

Fastening Guide 1

An FMRC Approved base ply is secured to an FMRC Approved lightweight insulating concrete roof deck as outlined in the most current edition of the FMRC Approval Guide. The base ply is secured with PlyFast™ 75 Base Ply Fasteners installed 7-1/2 in. on center in the 4 in. wide side laps and 7-1/2 in. on center, staggered in 2 rows, equally spaced, between the base ply side laps.

When fastening with this pattern, expect to use approximately 165 fasteners per square (100 ft²) when installing meter width material.

When fastening with this pattern, expect to use approximately 180 fasteners per square (100 ft²) when installing English width material.



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.



39" Magnetic Driver

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