

## Product Data Sheet

# GENFAST™ #15 WASHER HEAD (WH) FASTENER



### Description

GenFast™ #15 Washer Head (WH) Fastener may be used with GenFlex Polymer Batten Strip or GenFlex (WH) Seam Plate in GenFlex EPDM and TPO mechanically attached systems. GenFast #15 WH Fastener is available in various lengths from 1¼" to 12" (31.8 mm to 355.6 mm). GenFast #15 WH Fasteners are manufactured to conform to the physical property requirements of Factory Mutual Specification #4470. GenFast #15 WH Fastener may be used in any GenFlex system for attachment of roofing membrane to approved steel, structural concrete, and wood decks. The fasteners are packaged in white square buckets.



### Physical Properties

PROPERTY	MINIMUM PERFORMANCE
Material	SAE 1022 Heat Treated
Diameter	#15 – 5.2 mm (0.204")
Thread	15-13 Universal Thread
Head Style	Deep #3 Phillips with Oversized Washer Design
Head Outside Diameter	14 mm (0.550")
Corrosion Coating	SPEX™
Fastener Tip	Drill Point Design

### Typical Pull-Out Values

Metal		Plywood		Wood Plank	
GAUGE	LBS	THICKNESS	LBS	THICKNESS	LBS
18	1323	3/8" (9.5 mm)	429	1" (25.4 mm)	863
20	928	1/2" (13 mm)	528	1¼" (31.8 mm)	984
22	690	3/4" (19 mm)	645	1½" (38.1 mm)	1410
24	586				
26	403				

Concrete: 3000 psi

THICKNESS	POUNDS
1" (25.4 mm)	1009
1¼" (31.8 mm)	1364
1½" (38.1 mm)	1870

### Installation

GenFast #15 WH Fastener length is determined as follows:

Steel Deck – Minimum of 1" (25 mm) required penetration

Wood Deck – Minimum of 1" (25 mm) required penetration

Concrete Deck – Minimum of 1" (25 mm) required penetration. Pre-drill concrete with 7/32" (5.6 mm) masonry bit. The pilot hole should be 1/2" (13 mm) deeper than the required embedment.

Check current GenFlex specifications for exceptions and/or changes.

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SIZE	QUANTITY	PRODUCT #
1 ¼" (32 mm)	1000 per bucket	51500
2" (51 mm)	1000 per bucket	51501
3" (76.2 mm)	1000 per bucket	51502
4" (101.6 mm)	1000 per bucket	51503
5" (127 mm)	500 per bucket	51504
6" (152 mm)	500 per bucket	51505
7" (178 mm)	500 per bucket	51506
8" (203 mm)	500 per bucket	51507
10" (254 mm)	500 per bucket	51508
12" (304.8 mm)	500 per bucket	51509

SCREW LENGTH	THREAD LENGTH	INSULATION RANGE (TOP FLUTE)
1 ¼" (32 mm)	1 ¼" (32 mm)	n/a
2" (51 mm)	1 ¾" (44 mm)	1" (Up to 25.4 mm)
3" (76.2 mm)	2 ¾" (70 mm)	½" to 2" (12.7 to 50.8 mm)
4" (101.6 mm)	3 ¾" (95.3 mm)	1 ½" to 3" (31.8 to 76.2 mm)
5" (127 mm)	3 ¾" (95.3 mm)	1 ½" to 4" (31.8 to 102 mm)
6" (152 mm)	3 ¾" (95.3 mm)	2 ½" to 5" (63.5 to 127 mm)
7" (178 mm)	3 ¾" (95.3 mm)	3 ¼" to 6" (82.6 to 152.7 mm)
8" (203 mm)	3 ¾" (95.3 mm)	4 ¼" to 7" (108 to 178 mm)
10" (254 mm)	3 ¾" (95.3 mm)	6 ¼" to 9" (158.8 to 228.6 mm)
12" (304.8 mm)	3 ¾" (95.3 mm)	8 ¼" to 11" (209.5 to 279.4 mm)

### LEED Information

#### Recycled Content

Post Consumer	25%
Post Industrial	0%

### Storage

Fasteners should be protected from moisture and kept dry at all times. If stored out of doors, place on skids in a dry area and cover with a breathable tarp.

### Shelf Life

Not applicable

### Shelf Life

Eye protection is recommended when installing the fasteners.

Refer to Material Safety Data Sheet for additional information.