

GENFAST™ #15 WASHER HEAD (WH) FASTENER

Item Description

1 ¼" (32 mm)
 2" (51 mm)
 3" (76.2 mm)
 4" (101.6 mm)
 5" (127 mm)
 6" (152 mm)
 7" (178 mm)
 8" (203 mm)
 10" (254 mm)
 12" (304.8 mm)

Item Number

W590051500
 W590051501
 W590051502
 W590051503
 W590051504
 W590051505
 W590051506
 W590051507
 W590051508
 W590051509



Product Information

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.

Typical Properties	
Screw Property	Typical Values
Metal	SAE 1022 Heat Treated
Color	Grey
Diameter and Thread	#15 5.2 mm (0.204")
Head Style	Deep #3 Phillips with oversized washer design
Head Outside Diameter	14 mm (0.550")
Corrosion Coating	SPEX™
Fastener Tip	Drill Point Design

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.

Product Data

Screw Length	Thread Length	Pieces/Carton
1 1/4" (32 mm)	1 1/4" (32 mm)	1,000
2" (51 mm)	1 3/4" (44 mm)	1,000
3" (76.2 mm)	2 3/4" (70 mm)	1,000
4" (101.6 mm)	3 3/4" (95.3 mm)	1,000
5" (127 mm)	3 3/4" (95.3 mm)	500
6" (152 mm)	3 3/4" (95.3 mm)	500
7" (178 mm)	3 3/4" (95.3 mm)	500
8" (203 mm)	3 3/4" (95.3 mm)	500
10" (254 mm)	3 3/4" (95.3 mm)	500
12" (304.8 mm)	3 3/4" (95.3 mm)	500

Typical Pull-Out Values

Metal		Plywood		Wood Plank		Concrete (3,000 psi)	
Gauge	Pull	Thickness	Pull	Thickness	Pull	Thickness	Pull
18	1,323 lb (600 kg)	3/8" (9.5 mm)	429 lb (195 kg)	1" (25.4 mm)	863 lb (391 kg)	1" (25.4 mm)	1,009 lb (458 kg)
20	928 lb (421 kg)	1/2" (13 mm)	528 lb (240 kg)	1 1/4" (31.8 mm)	984 lb (446 kg)	1 1/4" (31.8 mm)	1,364 lb (619 kg)
22	690 lb (313 kg)	3/4" (19 mm)	645 lb (293 kg)	1 1/2" (38.1 mm)	1,410 (640 kg)	1 1/2" (38.1 mm)	1,870 lb (848 kg)
24	586 lb (266 kg)						
26	403 lb (183 kg)						

*LEED® Information

Recycled Content:

Post-Consumer: 25%

Pre-Consumer 0%

*NOTE: LEED® is a registered trademark of the U.S. Green Building Council.

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.

Precautionary Data

Eye protection is recommended when installing fasteners and plates.
Refer to Safety Data Sheet (SDS) for further information.

Please contact GenFlex Technical Services at 1-800-443-4272 option 1, for further information.

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