

# Product Data Sheet



## GenFast™ #15 Washer Head (WH) Fastener

Item Description	Item Number
1¼" (32 mm)	W590051500
2" (51 mm)	W590051501
3" (76.2 mm)	W590051502
4" (101.6 mm)	W590051503
5" (127 mm)	W590051504
6" (152 mm)	W590051505
7" (178 mm)	W590051506
8" (203 mm)	W590051507
10" (254 mm)	W590051508
12" (304.8 mm)	W590051509

### 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.

### Method of Application

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 ½" (13 mm) deeper than the required embedment.

Check current GenFlex specifications for exceptions and/or changes.

### Storage

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

### Precautions

- Eye protection is recommended when installing fasteners and plates.
- Refer to Safety Data Sheets (SDS) for additional safety information.

## LEED® Information

Post-Consumer Recycled Content: 25%

Pre-Consumer Recycled Content: 0%

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

Typical Properties	
Property	Value
Metal	SAE 1022 Heat Treated
Color	Grey
Diameter and Thread	#15 5.2 mm (0.24")
Head Style	Deep #3 Phillips with oversized washer design
Head Outside Diameter	14 mm (0.550")
Corrosion Coating	SPEX™
Fastener Tip	Drill Point Design

Product Data		
Screw Length	Thread Length	Pieces/Carton
1¼" (32 mm)	1¼" (32 mm)	1000
2" (51 mm)	1¾" (44 mm)	1000
3" (76.2 mm)	2¾" (70 mm)	1000
4" (101.6 mm)	3¾" (95.3 mm)	1000
5" (127 mm)	3¾" (95.3 mm)	500
6" (152 mm)	3¾" (95.3 mm)	500
7" (178 mm)	3¾" (95.3 mm)	500
8" (203 mm)	3¾" (95.3 mm)	500
10" (254 mm)	3¾" (95.3 mm)	500
12" (304.8 mm)	3¾" (95.3 mm)	500

Typical Pull-Out Values								
Gauge	Metal		Plywood		Wood Plank		Concrete (3,000 psi)	
	Thickness	Pull	Thickness	Pull	Thickness	Pull	Thickness	Pull
18	1/8" (3.2 mm)	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	1/8" (3.2 mm)	928 lb (421 kg)	1/2" (13 mm)	528 lb (239 kg)	1¼" (31.8 mm)	984 lb (446 kg)	1¼" (31.8 mm)	1,364 lb (619 kg)
22	1/8" (3.2 mm)	690 lb (313 kg)	3/4" (19 mm)	645 lb (293 kg)	1½" (38.1 mm)	1,410 lb (640 kg)	1½" (38.1 mm)	1,870 lb (848 kg)
24	1/8" (3.2 mm)	586 lb (266 kg)	---	---	---	---	---	---
26	1/8" (3.2 mm)	403 lb (183 kg)	---	---	---	---	---	---

Please contact Amrize Technical Services at 800-428-4511 for further information.

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