

GenFast™ #14 Fastener

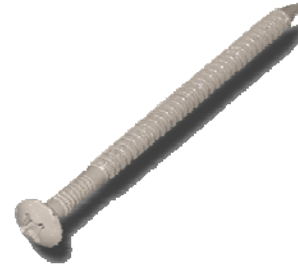
DESCRIPTION

GenFast™ #14 Fasteners are heat treated steel fasteners coated with a proprietary gray coating that increases the products corrosion resistance. This multipurpose roofing fastener can be used in a variety of GenFlex roofing systems for the attachment of GenFlex insulation or membrane provided the fastener is used in combination with the appropriate GenFlex insulation or seam plate.

Installation of the GenFast #14 Fastener into steel, wood, and lightweight concrete (into steel deck) substrates is acceptable.

The GenFast #14 Fastener is Factory Mutual (FM) approved and is manufactured to conform to the physical property requirements of Factory Mutual Specification #4470.

GenFast #14 Fasteners are available in various lengths from 1¼" to 16" (31.8 mm to 406.4 mm) and are packaged in sturdy plastic buckets.



PHYSICAL PROPERTIES

PROPERTY	MINIMUM PERFORMANCE
Material	SAE 1022 Heat Treated Steel
Diameter	.245" (6.2 mm)
Thread	Modified Buttress
Head Style	#3 Phillips Drive
Corrosion Coating	Gray CR-10 applied by Electro coating
Fastener Tip	Patented X-Point

PRODUCT DATA

SIZE	Thread	QTY/BKT	PRODUCT #
1 ¼" (31.75 mm)	Full	1,000	W590051412
1 ¾" (44.45 mm)	Full	1,000	W590051413
2" (50.8 mm)	Full	1,000	W590051401
3" (76.2 mm)	Full	1,000	W590051402
4" (101.6 mm)	3" (76.2 mm)	1,000	W590051403
5" (127 mm)	4" (101.6 mm)	500	W590051415
6" (152 mm)	4" (101.6 mm)	500	W590051416
7" (178 mm)	4" (101.6 mm)	500	W590051406
8" (203 mm)	4" (101.6 mm)	500	W590051407
10" (254 mm)	5" (127 mm)	500	W590051408
12" (304.8 mm)	5" (127 mm)	250	W590051419
14" (355.6 mm)	5" (127 mm)	250	W590051420
16" (406.4 mm)	5" (127 mm)	250	W590051411

INSTALLATION

GenFlex #14 Fasteners can be installed using a #3 Phillips tip provided with every bucket and a variable speed drill. Each fastener must be installed in combination with the appropriate plate taking care not to over or under drive the fastener. Threads from the fastener must engage and penetrate the decking material per GenFlex current Technical Specifications. Fastener length can be determined by using the following deck penetration requirements.

Steel Decks: Minimum of 3/4" (19.1 mm) required penetration

Wood Decks: Minimum of 1" (25 mm) required penetration

Concrete Decks: Minimum of 1" (25 mm) required penetration. Pre-drill concrete with 3/16" (4.76 mm) masonry bit. The pilot hole should be ½" (13 mm) deeper than the required embedment.

INSTALLATION PRECAUTIONS

- Eye protection must be worn during installation of the fasteners to prevent injury.
- Care should be used when handling and or transporting buckets of fasteners
- Some loss of fastener coating may be experienced during the installation process.
- Consideration should be given to using a GenFast #15 fastener when installing fasteners through existing roof systems or when used in conjunction with unusual substrates or decks and additional pullout resistance is needed.

LEED INFORMATION

Recycled Content	
Post Consumer	25%
Post Industrial	0%

STORAGE

Fasteners should be stored in unopened containers protected from the weather at times. If stored out of doors, place on skids in a dry area and cover with a breathable tarp.

SHELF LIFE - Not applicable

PRECAUTIONARY DATA

Refer to Material Safety Data Sheet for additional information.