

GenFast™ #12 Preassembled Screw & Plate



DESCRIPTION

GenFast™ #12 Preassembled Screw and Plate may be used in any GenFlex system for attachment of roofing insulation to steel, wood, and lightweight concrete (into steel deck) substrates.

PHYSICAL PROPERTIES

FASTENER PROPERTY	FASTENER MINIMUM PERFORMANCE
Material	SAE 1022 Heat Treated
Diameter	#12 Modified Buttress
Thread	#12 Modified Buttress
Head Style	#3 Phillips
Corrosion Coating	SPEX™
Fastener Tip	Patented X-Point

PLATE PROPERTY	PLATE MINIMUM PERFORMANCE
Material	Polypropylene
Diameter	3" (76 mm)
Thickness	Tapered
Corrosion Coating	Non-corrosive plastic
Plate Shape	3" (76 mm) Round

INSTALLATION

GenFast #12 Preassembled Fastener length is determined as follows:

Steel & Wood Deck – Minimum of 1" (25 mm) required penetration
Check current GenFlex specifications for exceptions and/or changes.

PRODUCT DATA

SIZE	QUANTITY	PRODUCT #
2 ¼" (57.2 mm)	250 per carton	W590055114
2 7/8" (73 mm)	250 per carton	W590055115
3 ¼" (82.5 mm)	250 per carton	W590055116
3 ¾" (92.3 mm)	250 per carton	W590055117
4 ½" (114.3 mm)	250 per carton	W590055118
5" (127 mm)	250 per carton	W590055119
6" (152 mm)	250 per carton	W590055120
7" (178 mm)	250 per carton	W590055121
8" (203 mm)	250 per carton	W590055122
9" (228.6 mm)	250 per carton	W590055123
10" (254 mm)	200 per carton	W590055124
11" (279.4 mm)	200 per carton	W590055125
12" (304.8 mm)	200 per carton	W590055126
14" (355.6 mm)	150 per carton	W590055127

SCREW LENGTH	THREAD LENGTH	INSULATION RANGE (TOP FLANGE)
2 ¼" (57.2 mm)	1 7/8" (47.6 mm)	½" to 1¼" (13 to 31.8 mm)
2 7/8" (73 mm)	2 5/8" (66.7 mm)	½" to 1 7/8" (13 to 47.6 mm)
3 ¼" (82.5 mm)	2¾" (69.9 mm)	½" to 2 ¼" (13 to 57.2 mm)
3 ¾" (92.3 mm)	2¾" (69.9 mm)	1" to 2 ¾" (25.4 to 69.9 mm)
4 ½" (114.3 mm)	3½" (88.9 mm)	1" to 3 3/8" (25.4 to 85.7 mm)
5" (127 mm)	3¾" (95.3 mm)	1¼" to 4" (44.5 to 102 mm)
6" (152 mm)	3¾" (95.3 mm)	2¼" to 6" (57.2 to 152 mm)
7" (178 mm)	3¾" (95.3 mm)	3¼" to 6" (82.5 to 152 mm)
8" (203 mm)	3¾" (95.3 mm)	4¼" to 7" (107.9 to 178 mm)
9" (228.6 mm)	3¾" (95.3 mm)	5 ¼" to 8" (133.48 to 203 mm)
10" (254 mm)	3¾" (95.3 mm)	6 ¼" to 9" (158.8 to 228.6 mm)
11" (279.4 mm)	3¾" (95.3 mm)	7 ¼" to 10" (184.2 to 254 mm)
12" (304.8 mm)	3¾" (95.3 mm)	8 ¼" to 11" (209.6 to 279.4 mm)
14" (355.6 mm)	3¾" (95.3 mm)	12 ¼" to 13" (310.9 to 330.2 mm)

LEED INFORMATION

Recycled Content

Post Consumer	25%
Post Industrial	0%

STORAGE

Fasteners should be stored in unopened containers protected from the weather 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

PRECAUTIONARY DATA

Eye protection is recommended when installing the fasteners.

Refer to Material Safety Data Sheet for additional information.