

GenFast™ NTB Fastener

DESCRIPTION

GenFast™ Fasteners are specifically designed to be used in roofing applications for the attachment of system components into cementitious wood fiber (i.e., Tectum) or gypsum decks. GenFast NTB Fasteners are available in various lengths from 2½" to 10" (63 mm to 254 mm) and can be ordered with or without a wire. The wire should only be used where pull out testing indicates that an NTB without the wire does not give satisfactory results.

GenFast NTB Fasteners are manufactured with a large thread design and root diameter, providing excellent pull-out and back-out resistance.

GenFast NTB Fasteners must be used in conjunction with the GenFast 3" (76 mm) NTB Steel Plate for insulation attachment or 2" (51 mm) round NTB metal plates for reinforced membrane attachment. For unreinforced membrane attachment, contact GenFlex Technical Department.

PHYSICAL PROPERTIES

PROPERTY	MINIMUM PERFORMANCE
Material	Glass-Filled Nylon
Diameter & Thread	0.750" (19 mm)
Head Style	Double Internal Hex Drive

INSTALLATION

Minimum required embedment for GenFlex GenFast NTB Fasteners is 1½" (38 mm) into the deck material (two inches recommended). The fasteners should never penetrate the underside of the deck.

Cementitious Wood Fiber Decks – To install GenFast NTB Fasteners into cementitious wood fiber decks, simply position and drive the fastener through the plate into the deck.

Gypsum Deck – Pre-drill a 7/16" (11 mm), ½" (13 mm), or 9/16" (14 mm) pilot hole is required. The pilot hole should be ¼" (6 mm) to ½" (13 mm) deeper than the required embedment into the deck.

PRODUCT DATA

SIZE	QUANTITY	PRODUCT # WITH WIRE	PRODUCT # NO WIRE
2 ½" (63.5 mm)	500 per carton	55206	55170
3" (76.2 mm)	500 per carton	55207	55171
3 ½" (88.9 mm)	500 per carton	55208	55172
4" (101.6 mm)	500 per carton	55209	55173
4 ½" (114.3 mm)	500 per carton	55210	55174
5" (127 mm)	500 per carton	55211	55175
5 ½" (139.7 mm)	500 per carton	55212	55176
6" (152 mm)	500 per carton	55213	55177
6 ½" (165 mm)	500 per carton	55214	55178
7" (178 mm)	500 per carton	55215	55179
7 ½" (191 mm)	500 per carton	55216	55180
8" (203 mm)	250 per carton	55217	55181
8 ½" (216 mm)	250 per carton	55218	55182
9" (228.6 mm)	250 per carton	55219	55183
9 ½" (241 mm)	250 per carton	55220	55184
10" (254 mm)	250 per carton	55221	55185

FASTENER LENGTH	THREAD LENGTH	INSULATION RANGE
2 ½" (63.5 mm)	2" (51 mm)	Up to 1" (25.4 mm)
3" (76.2 mm)	2" (51 mm)	1" to 1 ½" (25 mm to 38 mm)
3 ½" (88.9 mm)	2" (51 mm)	1 ½" to 2" (38 mm to 51 mm)
4" (101.6 mm)	2" (51 mm)	2" to 2 ½" (51 mm to 63 mm)
4 ½" (114.3 mm)	2" (51 mm)	2 ½" to 3" (63 mm to 76 mm)
5" (127 mm)	2" (51 mm)	3" to 3 ½" (76 mm to 89 mm)
5 ½" (139.7 mm)	2" (51 mm)	3 ½" to 4" (89 mm to 102 mm)
6" (152 mm)	2" (51 mm)	4" to 4 ½" (102 mm to 114 mm)
6 ½" (165 mm)	2" (51 mm)	4 ½" to 5" (114 mm to 127 mm)
7" (178 mm)	2" (51 mm)	5" to 5 ½" (127 mm to 140 mm)
7 ½" (191 mm)	2" (51 mm)	5 ½" to 6" (140 mm to 152 mm)
8" (203 mm)	2" (51 mm)	6" to 6 ½" (152 mm to 165 mm)
8 ½" (216 mm)	2" (51 mm)	6 ½" to 7" (165 mm to 178 mm)
9" (228.6 mm)	2" (51 mm)	7" to 7 ½" (178 mm to 191 mm)
9 ½" (241 mm)	2" (51 mm)	7 ½" to 8" (191 mm to 203 mm)
10" (254 mm)	2" (51 mm)	8" to 8 ½" (203 mm to 216 mm)

LEED INFORMATION

Recycled Content	
Post Consumer	0%
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

PRECAUTIONARY DATA

Eye protection is recommended when installing the fasteners.

Refer to Material Safety Data Sheet for additional information.