

# Product Data Sheet



## GenFast™ #16 Max Fastener

Item Description	Item Number
2"	W590051600
3"	W590051601
4"	W590051602
5"	W590051603
6"	W590051604
7"	W590051605
8"	W590051606

### Description

GenFast #16 MAX Fastener may be used with GenFlex Polymer Batten Strip or GenFlex MAX Seam Plate in GenFlex EPDM and TPO mechanically attached systems. GenFast #16 MAX Fastener is available in various lengths from 2" to 8" (51 mm to 203.2 mm). GenFast #16 MAX Fasteners are manufactured to conform to the physical property requirements of Factory Mutual Specification #4470.

GenFast #16 MAX Fastener may be used in any GenFlex system for attachment of roofing membrane to approved steel or wood decks. The fasteners are packaged in white square buckets.

### Method of Application

- GenFlex Roofing Systems recommends the use of a 6.5 Amp (min.), 0-2,500 RPM (max.) screw gun for installation of GenFast #16 MAX Fastener. GenFast #16 MAX Fastener length is determined as follows:  
Steel Deck – Minimum of 1" (25 mm) required penetration  
Wood Deck – Minimum of 1" (25 mm) required penetration
- 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.
- Check current GenFlex specifications for exceptions and/or changes.

### Storage

- Fasteners should be protected from moisture and always kept dry.
- If stored out of doors, place on skids in a dry area and cover with a breathable tarp.

### Precautions

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

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Typical Properties	
Property	Typical Value
Material	SAE 1022 Heat Treated Steel
Color	Blue
Diameter	#16 – 0.330" (8,4 mm)
Thread	Modified Buttress
Head Style	Deep #3 Phillips Pan Head
Head Outside Diameter	0.660" (17 mm)
Corrosion Coating	Blue Climaseal
Fastener Tip	Drill Point Design

Typical Pull-Out Value	
Metal	Plywood
20 gauge, 1140 lb	3/8" (9.5 mm) thickness, 477 lb
22 gauge, 977 lb	1/2" (12.7 mm) thickness, 725 lb
24 gauge, 977 lb	---
26 gauge, 495 lb	---

Packaging			
Screw Length	Thread Length	Insulation Range (Top Flute)	Pieces/Bucket
2" (51 mm)	1 3/4" (44 mm)	1" (up to 25.4 mm)	1000
3" (76.2 mm)	2 3/4" (70 mm)	1/2" to 2" (12.7 to 50.8 mm)	1000
4" (101.6 mm)	3 3/4" (95.3 mm)	1 1/2" to 3" (31.8 to 76.2 mm)	500
5" (127 mm)	3 3/4" (95.3 mm)	1 1/2" to 4" (31.8 to 102 mm)	500
6" (152 mm)	3 3/4" (95.3 mm)	2 1/2" to 5" (63.5 to 127 mm)	500
7" (178 mm)	3 3/4" (95.3 mm)	3 1/4" to 6" (82.6 to 152.4 mm)	250
8" (203 mm)	3 3/4" (95.3 mm)	4 1/2" to 7" (108 mm to 178 mm)	250

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

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