

# Product Data Sheet

## GenFast™ Lite Deck Fastener

Item Description	Item Number
2 5/8" (67 mm)	W590055222
3" (76 mm)	W590055223
4" (102 mm)	W590055224
5" (127 mm)	W590055225
6" (152 mm)	W590055226
7" (178 mm)	W590055227
8" (203 mm)	W590055228
9" (229 mm)	W590055229
10" (254 mm)	W590055230
12" (305 mm)	W590055231

### Description

GenFast Lite Deck Fasteners are specifically designed to be used in roofing applications for the attachment of insulation to cementitious wood fiber (i.e. Tectum), gypsum, or lightweight structural concrete decks. GenFast Lite Deck Fasteners are available in various lengths from 2 5/8" to 12" (66.68 mm to 304.8 mm). **NOTE: These fasteners are not intended for use with lightweight insulated concrete or structural concrete.**

GenFast Lite Deck Fasteners are manufactured with a deep, coarse thread design providing excellent pull-out resistance. The insulation attachment is to be with the 3" (76 mm) GenFast Lite Deck Plate. For detailing purposes membrane attachment is to be with the Lite Deck Bar.

**NOTE:** Prior to job bid, pullout tests to determine substrate/fasteners pullout performance must be conducted and submitted to GenFlex for approval.

### Method of Application

The minimum required embedment for GenFast Lite Deck Fasteners is 2" (50.8 mm) into the deck. Check current GenFlex Specifications for exceptions and/or changes.

- Cementitious Wood Fiber Decks: Position and drive the fastener through the plate into the deck.
- Gypsum or Light Weight Structural Concrete: A pilot hole is required. The pilot hole should be 1/2" (12.7 mm) deeper than the required embedment into the deck. The diameter of the pilot hole is determined by the pullout values achieved.

For best results, use a high torque, variable speed screw gun.

### Storage

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

## Precautions

- Eye protection is recommended when installing fasteners and plates.
- Do not overdrive the fasteners as this will significantly reduce the fastener and plate performance and/or cause the fasteners to strip out.
- Refer to Safety Data Sheets (SDS) for additional safety information.

## LEED® Information

Post-Consumer Recycled Content: 25%  
 Manufacturing Location: Agawam, Massachusetts  
 NOTE: LEED® is a registered trademark of the U.S. Green Building Council

Typical Properties	
Property	Typical Value
Metal	CR-10 Coated Steel
Color	Black
Thread Diameter	0.375" (9.5 mm)
Shank Diameter	0.310" (7.9 mm)
Head Style	6-Lobe (T40) Drive Flat
Head Diameter	0.710" (18 mm)

Product Data			
Screw Length	Thread Length	Pieces/Carton	Product #
2 <sup>5</sup> / <sub>8</sub> " (67 mm)	Full	500	W590055222
3" 76 mm)	Full	500	W590055223
4" (102 mm)	3" (76 mm)	500	W590055224
5" (128 mm)	3" (76 mm)	250	W590055225
6" (152 mm)	3" (76 mm)	250	W590055226
7" (178 mm)	3" (76 mm)	250	W590055227
8" (203 mm)	3" (76 mm)	250	W590055228
9" (229 mm)	3" (76 mm)	125	W590055229
10" (254 mm)	3" (76 mm)	125	W590055230
12" (305 mm)	3" (76 mm)	125	W590055231

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

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