

# Product Data Sheet



## GenFast™ Purlin Fastener

Item Description	Item Number	Weight/Bucket
2¾" (69.8 mm)	W590051612	25 lb
3¾" (95.3 mm)	W590051613	34 lb
4¾" (121 mm)	W590051614	40 lb
5¾" (146 mm)	W590051615	48 lb
6¾" (171 mm)	W590051616	54 lb
7¾" (196.8 mm)	W590051617	31 lb

### Description

GenFast Purlin Fasteners are designed for attaching TPO Peel & Stick RMA Strips to 12 – 18-gauge structural steel purlins per GenFlex current Technical Specifications. The GenFast Purlin Fasteners can be used in conjunction with GenFast 2¾" (WH) Seam Plate or GenFast Bar Anchor.

### Method of Application

- Using the #3 Square Drive tip that is provided with each bucket of fasteners, engage the fastener into the purlin taking care not to over or under drive the fastener. Threads must engage the purlin a minimum of 1½" (38 mm). An 1800 rpm screw gun is recommended for installation.
- Check current GenFlex specifications for exceptions and/or changes.

### Storage

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

### Precautions

- Eye protection is recommended when installing the fasteners.
- Care should be used when handling and or transporting buckets of fasteners.
- Overdriving the fasteners can cause damage to the insulation facer.
- Refer to Safety Data Sheets (SDS) for additional safety information.

### LEED® Information

Post-Consumer Recycled Content: 25%

Post Industrial Recycled Content: 0%

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## Typical Properties

Property	Typical Value
Material	SAE 1022 Heat Treated
Thread Size	0.204" / 0.210" (5.18 mm / 5.33 mm)
Threads / Inch	24
Fastener Tip	Two flute formed drill point
Head Style	#3 Square Pancake, std. recess
Corrosion Coating	Epoxy Coating by Electro Deposition
Color	Black

## Product Data

Size	Thread Length	Pieces/Pail	Product #
2 <sup>3</sup> / <sub>4</sub> " (69.8 mm)	Full	1000	W590051612
3 <sup>3</sup> / <sub>4</sub> " (95.3 mm)	2 <sup>5</sup> / <sub>8</sub> " (66.7 mm)	1000	W590051613
4 <sup>3</sup> / <sub>4</sub> " (121 mm)	2 <sup>5</sup> / <sub>8</sub> " (66.7 mm)	1000	W590051614
5 <sup>3</sup> / <sub>4</sub> " (146 mm)	2 <sup>5</sup> / <sub>8</sub> " (66.7 mm)	1000	W590051615
6 <sup>3</sup> / <sub>4</sub> " (171 mm)	2 <sup>5</sup> / <sub>8</sub> " (66.7 mm)	1000	W590051616
7 <sup>3</sup> / <sub>4</sub> " (196.8 mm)	2 <sup>5</sup> / <sub>8</sub> " (66.7 mm)	500	W590051617

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

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