

## Product Data Sheet

# GENFAST™ CD-10 CONCRETE FASTENER



### Description

GenFast™ CD-10 Concrete Fastener is a hammer-in, non-threaded fastener designed to secure insulation and membranes to structural concrete. GenFast Concrete fasteners may be used in any GenFlex system for attachment of roofing insulation (using GenFlex Insulation Plates), and attachment of GenFlex Bar Anchors, GenFlex Seam Plates, GenFlex Termination Bars and other accessories to structural concrete.

GenFlex GenFast CD-10 Fasteners are available in various lengths from 2" (51 mm) to 12" (305 mm). GenFlex GenFast CD -10 Fasteners are manufactured to conform to the physical property requirements of Factory Mutual Specification #4470.

### Physical Properties

| PROPERTY          | MINIMUM PERFORMANCE |
|-------------------|---------------------|
| Material          | Hard Carbon Steel   |
| Diameter          | 0.265" (7 mm)       |
| Head Style        | Flat Top Pan        |
| Corrosion Coating | CR-10               |
| Fastener Tip      | Split Bulb          |

### Installation

Drill a pilot hole using a 5.5 mm (7/32") drill bit. The depth of the pilot hole must be 13 mm (1/2") deeper than the fastener embedment.

On **Structural Concrete Deck** a minimum of 25 mm (1") of penetration is required.

Check current GenFlex specifications for exceptions and/or changes.

### Product Data

| SIZE             | QUANTITY       | PRODUCT #  |
|------------------|----------------|------------|
| 2" (50.8 mm)     | 500 per carton | W590055186 |
| 2 1/2" (63.5 mm) | 500 per carton | W590055187 |
| 3" (76.2 mm)     | 500 per carton | W590055188 |
| 3 1/2" (88.9 mm) | 500 per carton | W590055189 |
| 4" (101.6 mm)    | 500 per carton | W590055190 |

|                   |                |            |
|-------------------|----------------|------------|
| 4 1/2" (114.3 mm) | 500 per carton | W590055191 |
| 5" (127 mm)       | 500 per carton | W590055192 |
| 5 1/2" (139.7 mm) | 500 per carton | W590055193 |
| 6" (152 mm)       | 500 per carton | W590055194 |
| 7" (178 mm)       | 500 per carton | W590055195 |
| 8" (203 mm)       | 500 per carton | W590055196 |
| 9" (228.6 mm)     | 250 per carton | W590055197 |
| 10" (254 mm)      | 250 per carton | W590055198 |
| 11" (279.4 mm)    | 250 per carton | W590055199 |
| 12" (304.8 mm)    | 250 per carton | W590055200 |

| FASTENER LENGTH   | INSULATION RANGE        |
|-------------------|-------------------------|
| 2" (50.8 mm)      | Up to 1" (25.4 mm)      |
| 2 1/2" (63.5 mm)  | Up to 1 1/2" (38 mm)    |
| 3" (76.2 mm)      | Up to 2" (51 mm)        |
| 3 1/2" (88.9 mm)  | Up to 2 1/2" (63 mm)    |
| 4" (101.6 mm)     | Up to 3" (76.2 mm)      |
| 4 1/2" (114.3 mm) | Up to 3 1/2" (88.9 mm)  |
| 5" (127 mm)       | Up to 4" (101.6 mm)     |
| 5 1/2" (139.7 mm) | Up to 4 1/2" (114.3 mm) |
| 6" (152 mm)       | Up to 5" (127 mm)       |
| 7" (178 mm)       | Up to 6" (152 mm)       |
| 8" (203 mm)       | Up to 7" (178 mm)       |
| 9" (228.6 mm)     | Up to 8" (203 mm)       |
| 10" (254 mm)      | Up to 9" (228.6 mm)     |
| 11" (279.4 mm)    | Up to 10" (254 mm)      |
| 12" (304.8 mm)    | Up to 11" (279.4 mm)    |

### LEED Information

#### Recycled Content

|                 |     |
|-----------------|-----|
| Post Consumer   | 25% |
| Post Industrial | 0%  |

### Storage

Fasteners should be stored in unopened containers 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.



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## Shelf Life

Not applicable

## Precautionary Data

Eye protection is recommended when installing the fasteners.

Refer to Material Safety Data Sheet for additional information.