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PRODUCT DATA SHEET

GenFast™ #12 Fastener

DESCRIPTION

GenFast™ #12 Fasteners may be used in any GenFlex system for attachment of roofing insulation using GenFlex 3" Insulation Plates to steel and wood roof decks. **GenFast #12 Fasteners can not be used to secure or attach membrane systems to approved decks.**

GenFlex GenFast Insulation Fasteners are manufactured to conform to the physical property requirements of Factory Mutual Specification #4470.

PHYSICAL PROPERTIES

| PROPERTY | MINIMUM PERFORMANCE |
|-------------------|-----------------------|
| Material | SAE 1022 Heat Treated |
| Diameter | #12 |
| Thread | Modified Buttress |
| Head Style | #3 Phillips |
| Corrosion Coating | SPEX™ |
| Fastener Tip | Drill Point Design |

INSTALLATION

GenFast #12 Fasteners can be installed using a #3 Phillips tip provided with every bucket and a variable speed drill. Each fastener must be installed in combination with a GenFlex 3" Round Insulation Plate taking care not to over or under drive the fastener. Threads from the fastener must engage and penetrate the decking material per current GenFlex Technical Specifications. Fastener length can be determined by using the following deck penetration requirements.

Steel Deck: Minimum of ¾" (19.1 mm) penetration

Wood Deck: Minimum of 1" (25 mm) penetration

Concrete Deck: **Not Acceptable**

INSTALLTION PRECAUTIONS

- Eye protection must be worn during installation of the fasteners to prevent injury,
- Care should be used when handling and or transporting buckets of fasteners.
- Some loss of fastener coating may be experienced during the installation process.
- Consideration should be given to using a GenFast #15 fastener when installing fasteners through existing roof systems or when used in conjunction with unusual substrates or decks and when additional pullout resistance is needed.

PRODUCT DATA

| SCREW LENGTH | THREAD LENGTH | PRODUCT # | QTY/ BKT |
|------------------|------------------|------------|----------|
| 1 5/8" (41.3 mm) | 1 3/8" (35 MM) | W590051200 | 1000 |
| 2 ¼" (57 mm) | 1 7/8" (47.6 MM) | W590051201 | 1000 |
| 2 7/8" (73 mm) | 2 5/8" (66.7 MM) | W590051202 | 1000 |
| 3 ¼" (82.6 mm) | 2 ¾" (70 MM) | W590051203 | 1000 |
| 3 ¾" (95.3 mm) | 2 ¾" (70 MM) | W590051204 | 1000 |
| 4 ½" (114.3 mm) | 3 ½" (88.9 MM) | W590051205 | 1000 |
| 5" (127 mm) | 3 ½" (88.9 MM) | W590051206 | 1000 |
| 6" (152 mm) | 3 ½" (88.9 MM) | W590051207 | 1000 |
| 7" (178 mm) | 3 ½" (88.9 MM) | W590051208 | 1000 |
| 8" (203 mm) | 3 ½" (88.9 MM) | W590051209 | 1000 |

LEED INFORMATION

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

STORAGE

Fasteners should be stored in unopened containers protected from the weather 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.