



## Membrane Screw with Plate

### DESCRIPTION

GenTite Membrane Screw with Plate can be used in many GenTite Roofing systems for attachment of GenTite membrane to steel, wood, and other approved decks. GenTite Membrane Screw with Plate is manufactured to conform to the physical property requirements of Factory Mutual Specification #4470.

### INSTALLATION

GenTite Membrane Screw with Plate should be positioned over the GenTite membrane and installed per GenTite Application Instructions.

### Recommended Fastener Penetration into Deck

Steel Deck – Minimum of 3/4" (19.1 mm) required penetration

Wood Deck – Minimum of 1" (25.4 mm) required penetration

### PRODUCT DATA

| SIZE   | QUANTITY                                    | PRODUCT #  |
|--|---|------------|
| 5" (101.6 mm) Fastener<br>2" (50.8 mm) round Plate | 100 Each (Fastener and<br>Plate) per Carton | W59GT51020 |

### STORAGE

Screws with Plates should be 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.

### SHELF LIFE

Not applicable

### PRECAUTIONARY DATA

- Refer to Material Safety Data Sheet for additional information.
- Eye protection is recommended when installing the fasteners.



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### FASTENER PHYSICAL PROPERTIES

| PROPERTY          | MINIMUM PERFORMANCE                   |
|-------------------|---------------------------------------|
| Material          | SAE 1022 Heat Treated Steel           |
| Diameter          | .245" (6.2 mm)                        |
| Thread            | Modified Buttress                     |
| Head Style        | #3 Phillips Drive                     |
| Corrosion Coating | Gray CR-10 applied by Electro coating |
| Fastener Tip      | Patented X-Point                      |

### PLATE PHYSICAL PROPERTIES

| PROPERTY      | MINIMUM PERFORMANCE       |
|---------------|---------------------------|
| Material      | AZ55 Galvanized Steel     |
| Diameter      | 2-3/8" (60.2mm)           |
| Thickness     | 0.036"-0.042" (0.9-1.1mm) |
| Hole Diameter | 1/4" (6mm)                |
| Edge          | Deburred                  |

### LEED INFORMATION

|  |           |
|--|-----------|
| Recycled Content<br>Post Consumer<br>Post Industrial | 25%<br>0% |
|--|-----------|