



## FiberTite Magnum Fasteners and Stress Plates

### Product Data

FiberTite Magnum Fasteners and Stress Plates are designed and engineered to provide enhanced load distribution and superior wind resistance for all mechanically attached FiberTite Roofing Systems.

#### DESCRIPTION

FiberTite Magnum Fasteners provide superior withdrawal and back-out resistance. FTR Magnum Fasteners incorporate a reduced diameter drill point for exceptional drilling, buttress threads for increased back-out torque and a high performance epoxy E-coat for superior corrosion resistance.

FiberTite Magnum Stress Plates are manufactured from 18 gauge (1.11 mm thick) AZ 50 Galvalume coated steel, are rectangular in shape; 2.5 in x 1.5 in (6.35 cm x 3.81 cm) with three-quarter inch (1.9 cm) radial corners, a 0.25 in (0.635 cm) hole in the center of the plate, a raised reinforcement area to resist deflection and eight (8) barbs to enhance wind resistance.

FiberTite Magnum-R Stress Plates are manufactured from 0.038 in (0.96 mm) thick AZ 50 Galvalume coated steel and round 2.374 in (6.0 cm) in diameter and have a 0.261 in (0.663 cm) diameter hole in the center. FTR Magnum-R Plates are also configured with a raised reinforcement area for added deflection resistance and incorporate six (6) barbs in their design to provide enhanced wind resistance. FTR Magnum-R Plates may be purchased as loose plates in buckets, or pre-assembled with FTR Magnum Fasteners.

All FiberTite Magnum Series Fasteners and Stress Plates exceed FM Global (FMG 4470) requirements for corrosion resistance and are FMG Approved for Class 1 Mechanically Attached FiberTite Roofing Systems.

#### APPLICATION

FiberTite Magnum Stress Plates are principally engineered for use in high wind resistant mechanically attached roofing systems that incorporate 56-in wide membrane and/or Top-Sider/closed lap assemblies.

For wider FiberTite membranes, FiberTite Magnum-R Stress Plates are appropriate for wind resistant assemblies up to 60 psf (1-120).

For fastener and stress plate placement, installation instructions, and frequency and their correlation to specific approvals for wind resistance, consult the most current versions Seaman Corporation's Guide Specifications for the Installation of FiberTite Roofing Systems.

#### PHYSICAL PROPERTIES

Material	Case hardened carbon steel
Drive	#3 Phillips
Thread Diameter	0.263 in (0.67 cm)
Shank Diameter	0.204 in (0.52 cm)
Head Diameter	0.438 in (1.10 cm)
Point Type	Drill
Coating	E-Coat
Withdrawal Load*	725 lb+ (329 kg+)

\*in 22 Ga. (0.91 thick) Grade 80 Steel



For more information on FiberTite Systems and accessories please call:  
Seaman Corporation (800) 927-8578  
International (330) 262-1111  
www.fibertite.com

**INTELLIGENT**  
ROOFING SOLUTIONS

FiberTite® is a registered trademark of Seaman Corporation.



Subject to the conditions of Approval for a roof covering when installed as described in the current edition of the Approval Guide.



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