

Miller ShockFusion™ Base Mounting Assemblies

Models: X11001, X11003, X11004, X11005, X11006, X11007, X11018, X11019, X11020

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Description

The Miller ShockFusion base mounting assemblies allow installation to a variety of roof structures.

Materials

Standing

Seam Clamps: Anodized 6061-T6 Aluminum

Extension Bars: 304 and 18-8 Stainless Steel

Aluminum Rivet: Aluminum, Steel, Neoprene

Toggle Bolt: Zinc-Plated Steel, PVC, Neoprene

Lag Screw: Hot Dipped Galvanized
C1006-C1022 Steel

Concrete Expansion

Anchor: 18-8 Stainless Steel

Technical

Fusion Seam Clamp (each)

Tensile Strength: 1,000 lbs. (4.4 kN)

Shear Strength: 1,250 lbs. (5.6 kN)

Toggle Bolt: M10 x 1.5*

Lag Screw: 5/16-in. Grade 2*

**Must be designed for each installation, depending on installation method*

Concrete Expansion Anchor (each, 4 ksi concrete)

Tensile Strength: 4,760 lbs. (21.2 kN)

Shear Strength: 4,975 lbs. (22.1 kN)

ShockFusion Seam Clamp (each)

Tensile Strength: 1,000 lbs. (4.4 kN)

Shear Strength: 1,250 lbs. (5.6 kN)










Certifications

Components meet OSHA 1926.502, 1910.66, ANSI A10.32 and EN795 Class C

All system components meet the design requirements as set forth in ANSI Z359.6 and CSAZ259.16-2004. Please note, however, that the system as a whole once installed must be deemed to be in compliance with these standards by a qualified engineer.

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Model	Picture	Description	Weight
X11001 Product Page X11001		Fusion standing seam kit	3.5 lbs. (1.6 kg)
X11003 Product Page X11003		Rivet kit with sealing washers and mastic tape	0.5 lbs. (0.2 kg)
X11004 Product Page X11004		Toggle bolt kit for membrane roofing up to 5.5-in. thick	1.0 lbs. (0.5 kg)
X11005 Product Page X11005		Toggle bolt kit for membrane roofing 5.5-in. to 10.5-in. thick	1.25 lbs. (0.6 kg)
X11006 Product Page X11006		Lag screw kit	0.5 lbs. (0.2 kg)
X11007 Product Page X11007		Concrete expansion bolt anchor kit	1.25 lbs. (0.6 kg)
X11018 Product Page X11018		ShockFusion standing seam kit	5.0 lbs. (2.3 kg)
X11019 Product Page X11019		Fusion standing seam kit for up to 24-in. spacing	10.25 lbs. (4.6 kg)
X11020 Product Page X11020		ShockFusion standing seam kit for up to 24-in. spacing	15.25 lbs. (7.0 kg)



by Honeywell

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