VERSICO SURE-TITE® FASTENERS

GENERAL:

Versico Sure-Tite Fasteners are used with Versico's Sure-Tite (ST) Fastening Bar to secure reinforced EPDM membrane as part of a Mechanically-Attached Roof System. The Sure-Tite Fastener and ST Fastening Bar are used on steel decks (22 gauge [0.76mm] or heavier) to achieve FM1-90 wind uplift rating in a 10-foot wide VersiGard® Reinforced EPDM membrane system using 12" on center fastener spacing (testing conducted on FM approved 22 gauge Grade E steel decking meeting ASTM A653 or A446 Grade 80). The Sure-Tite Fastener features a nominal 0.33" diameter and an oversized head design resulting in extra stability.

TYPICAL PROPERTIES AND CHARACTERISTICS:

Size, in (mm)	Thread Length, in (mm)	Weight/Bucket, lbs. (kg)	Fasteners/Bucket
2 (51)	Full	18 (8.2)	500
3 (76)	Full	26 (11.8)	500
4 (102)	Full	17 (7.7)	250
5 (127)	4 (102)	21 (9.5)	250
6 (152)	4 (102)	25 (11.4)	250
7 (178)	4 (102)	28 (12.7)	250
8 (203)	4 (102)	31 (14.1)	250

1. The fastener incorporates a #3 Phillips drive.
2. Black, epoxy electro-deposition coating provides excellent corrosion resistance, surpassing the FM 4470 requirements of less than 15% red rust after 15 cycles in the Kesternich cabinet.
3. Modified buttress thread, 12 threads per inch.
4. Typical pullout in 22 gauge steel: 950 lbs. (431 Kg)
5. Typical static backout in 22 gauge steel: 45 in. lbs. (5.1 N-m)
6. One Phillips driver bit is provided in each box of fasteners.

CAUTIONS AND WARNINGS:

1. Eye protection is recommended during installation.
2. Use care to avoid over-torquing the fastener.

INSTALLATION:

Place the Sure-Tite Fastener and Fastening Bar at the desired location and install with a standard clutch drive electric screw gun. No pre-drilling is necessary for steel decks since the fastener is self-drilling. The minimum penetration depth (measured from the top surface) is 3/4 inch (19 mm) for steel. Ultimate fastener performance is achieved when the fastener is installed perpendicular to the deck and into the top flutes of a steel deck.

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