



CANFIX 12 Fasteners

Description:

The CANFIX 12 roofing fasteners are designed to secure insulation to steel (16 - 22 ga.), wood and structural concrete decks. The fastener is available in lengths from 1"-5/8" to 10". The double flute self-drilling point can easily penetrate steel while offering exceptional back-out resistance.

Application:

CANFIX 12 roofing fasteners can be used for insulation attachment to steel, wood, and structural concrete decks. For steel deck, 3/4-in. (20 mm) penetration is the minimum allowable. For OSB and plywood*, 3/4-in. (20 mm) penetration through the underside of the board is the minimum allowable.

CSA A123.23

CANFIX 12 roofing fasteners has been tested in independent laboratory to dynamic wind uplift resistance. This test simulates cyclic storm stress on full scale roof.

Coating:

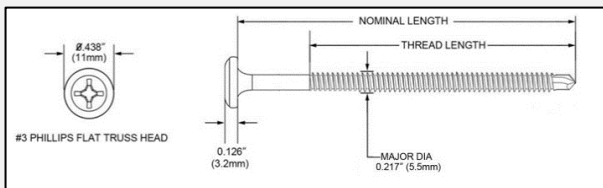
Corrosion resistant coating which surpasses the corrosion industry standard in Canada as well as the requirements of FM Approval Standard 4470.

Specification

Head	#3 Phillips flat truss D: 0.438" (11.15mm) thick: 0.126" (3.2mm)
Material	Hardened Carbon Steel
Major Diameter	0.217" (5.5mm)
Drill	Double flute drill point
Threads/Inch	14

Performance data

Kesternich acid test	FM 4470, ASTM D6294, DIN 50018	< 15% Red Rust after 30 cycles
Salt Spray	ASTM B117	1500 hours



Pull Out Strength Steel

- 18 Ga (1.2 mm): 800 lbf (3560 N)
- 20 Ga (0.9 mm): 650 lbf (2890 N)
- 22 Ga (0.8 mm): 510 lbf (2270 N)

Pull Out Strength Wood

- 1" Wood Plank: 640 lbf (2850 N)

Installation and Application Consideration

Tools: 2000–2500 rpm screw guns with hardened #3 Phillips bit.

Ordering information

SKU	Part Length		Thread Length
	inch	Millimetre	
12011	1" - 5/8"	42 mm	Full
12012	2" - 1/4"	57 mm	Full
12028	2" - 7/8"	73 mm	Full
12030	3"	76 mm	Full
12032	3" - 1/4"	83 mm	75 mm
12037	3" - 3/4"	95 mm	75 mm
12042	4" - 1/2"	114 mm	102 mm
12050	5"	125 mm	102 mm
12060	6"	153 mm	102 mm
12070	7"	178 mm	102 mm
12080	8"	203 mm	102 mm
12090	9"	229 mm	102 mm
12100	10"	254 mm	102 mm

