

# TECHNICAL INFORMATION SHEET

## UNA-CLAD™ #12 Fasteners

TIS #1024

**ITEM NUMBER:**

	<u>PH PD NW TK1</u>	<u>PH PD WOW TK1</u>
2 1/4"	W6810SOR22	W6810SOR22X
3 3/4"	W6810SOR37	W6810SOR37X
5"	W6810SOR50	W6810SOR50X
6"	W6810SOR60	W6810SOR60X



**Description:**

Firestone UNA-CLAD #12 self-drilling fasteners are specifically designed for metal roofing applications requiring additional depth of attachment and corrosion protection.

- **PH PD TK1:** Fasteners have pan heads that are slightly rounded with flat bottoms; Philips drive; used for attachments to wood deck or light gauge metal (20, 22, and 24 ga)
- Fasteners **with nylon washers** (NW) are specified for the clipless system UC-4.
- Fasteners **without washers** (WOW) may be used for all other UC systems

Refer to Firestone Building Products Specifications.

**Method of Application:**

Using the Philips tip provided, and a variable speed drill, engage the fastener, taking care not to over or under drive the fastener. Seat the fastener to the clip or panel slot surface. Threads must engage the decking material per Firestone Technical Specifications.

**Storage:**

Store in original unopened packaging protected from the weather.

**Precautions:**

- Eye protection must be worn during the installation of the fasteners.

**Compliance:**

Post Consumer Recycled Content: 25%  
Pre Consumer Recycled Content: 0%  
Manufacturing Location: Bryan, OH



**Packaging:**

500 screws per container

<u>Screw Length</u>	<u>Thread Length</u>
2 1/4" (57.1 mm)	Full
3 3/4" (95.2 mm)	2 7/8" (73mm)
5" (127.0 mm)	4" (101.6 mm)
6" (152.4 mm)	4" (101.6 mm)

**Determine required screw length as follows:**

**Steel Decks:** Select fastener length to penetrate through the deck a minimum of 3/4" (19.1 mm) in the top flute.

**Wood Decks:** Select fastener length to penetrate into or through deck a minimum of 1" (25.4 mm).

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Physical Properties:	Value
Material	SAE 1022, heat treated steel
Thread Size	0.212" (5.4 mm)
Thread/inch	13
Thread Design	Symmetrical
Fastener Tip	Drill point
Fastener Head	#3 Philips drive
Pullout in new 22 ga (0.76 mm) steel deck:	
Grade C (Grade 33)	350 lb (158.7 kg)
Grade E (Grade 80)	460 lb (208.6 kg)
Pullout in New 3/4" (19.0 mm) Plywood Deck	650 lb (214.8 kg)
Corrosion Resistant Coating	Red epoxy applied by Electrocoating

Please Contact your Firestone Roof Systems Advisor at 1-800-428-4511 for further information.

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