

TECHNICAL INFORMATION SHEET

UNA-CLAD™ #10 Fasteners

TIS #1023

ITEM NUMBER:

| | | |
|--------|--------------------------------------|--------------------------------------|
| 1" | <u>PC PD NW TK3</u> W6810S0D10 | <u>PC PD WOW TK3</u> W6810S0D10X |
| 1" | <u>PC PD NW T17</u> W6810S0C10 | <u>PC PD WOW T17</u> W6810S0P10 |
| 1 1/2" | <u>PC PD NW T17</u> W6810S0C15 | <u>PC PD WOW T17</u> W6810S0P15 |
| 1" | <u>PC T NW T17 SS</u> W6810S0T10W | <u>PC T WOW T17 SS</u> W6810S0T10 |



Description:

The Firestone UNA-CLAD #10 fasteners are specifically designed for metal roofing applications requiring additional depth of attachment and corrosion protection.

- **PC PD TK3:** Fasteners have pancake heads that are very low profile, flat and thin; Philips drive; used for attachments to 18 ga – 3/16" steel; and, are self drilling
- **PC PD T17:** Fasteners have pancake heads that are very low profile, flat and thin; Philips drive; used for attachments into wood and light gauge metal (20, 22, 24 ga); and are self tapping – notched. This is a thread forming screw with chip flute for easy substrate displacement.
- **PC T T17 SS:** Stainless steel fasteners have pancake heads that are very low profile, flat and thin; Torx drive; used for attachments into wood and light gauge metal (20, 22, 24 ga) – all zinc, aluminum and copper panels; and are self tapping – notched. This is a thread forming screw with chip flute for easy substrate displacement.
- 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 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> |
|---------------------|----------------------|
| 1" (25.4 mm) | Full |
| 1-1/2" (38.1 mm) | Full |

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: | Drill Point Fastener TK3 | Thread Point Fastener Type17 | Thread Point Fastener SS Type17 |
|---|-------------------------------------|-------------------------------------|----------------------------------|
| Material: | SAE 1022, heat treated steel | SAE 1022, heat treated steel | UNS S30500 |
| Thread Size: | 0.185" (4.7 mm) | 0.191" (4.85 mm) | 0.191" (4.85 mm) |
| Threads/Inch: | 16 | 12 | 12 |
| Thread Design: | Symmetrical | Symmetrical | Symmetrical |
| Fastener Tip: | Drill point | Thread Point | Thread Point |
| Fastener Head: | #2 Phillips Drive | #2 Phillips Drive | T-25 6-lobe recess |
| Pullout in New ½" (12.7 mm) Plywood Deck: | N/A | 685 lb (310.65 kg) | 685 lb (310.65 kg) |
| Pullout in new 22 gauge (0.76 mm) steel deck: | | | |
| Grade C (Grade 33) | 250 lb (113.3 kg) | N/A | N/A |
| Grade E (Grade 80) | 290 lb (131.5 kg) | N/A | N/A |
| Corrosion Resistant Coating | Red epoxy applied by electrocoating | Red epoxy applied by electrocoating | No Coating – Cleaned / Passivate |

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

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