



Not to scale.

PRODUCT DESCRIPTION

TRUFAST® #12 DP Fasteners are specifically engineered to secure insulation, coverboards, and base sheets to corrugated steel (16 – 22 ga.) and wood substrates. Featuring a #2 double flute self-drilling point and exclusive tapered entry thread design, they penetrate steel quickly and offer exceptional back-out resistance.

APPROPRIATE ACCESSORIES

Use with TRUFAST Metal Insulation Plates MP-3000 and MPR-3000.

CODE APPROVALS & LISTINGS

FM Global



Miami-Dade County



Florida Building Code

FL#: 4500

CE 2809
European Technical Assessment
ETA 19/0616
DOP No. DoPTu02-2022-01-03



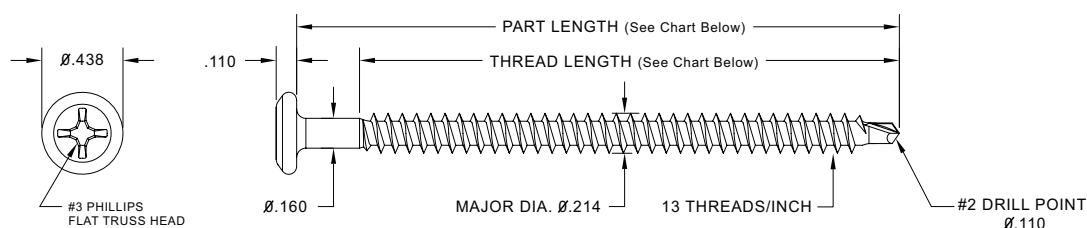
MATERIAL SPECIFICATIONS

Material: SAE C1022, heat treated

Coating: Tru-Kote™ Epoxy E-Coat

LEED® Eligible Recycled Content: 20%

PRODUCT SPECIFICATIONS



PRODUCT SELECTION

Part No.	Part Length		Thread Length		Pkg. Qty.	Pkg. Wt.	Pallet Qty.
DP-1625	1-5/8"	41.3 mm	1-5/8" (Full)	41.3 mm	1000/Bucket	12.5 lbs.	80,000
DP-2250	2-1/4"	57.2 mm	2-1/4" (Full)	57.2 mm	1000/Bucket	16.1 lbs.	80,000
DP-3000	3"	76.2 mm	3" (Full)	76.2 mm	1000/Bucket	20.2 lbs.	60,000
DP-4000	4"	101.6 mm	3-7/8"	98.4 mm	1000/Bucket	25.8 lbs.	60,000
DP-5000	5"	127.0 mm	3-7/8"	98.4 mm	1000/Bucket	32.0 lbs.	60,000
DP-6000	6"	152.4 mm	3-7/8"	98.4 mm	1000/Bucket	37.5 lbs.	60,000
DP-7000	7"	177.8 mm	3-7/8"	98.4 mm	500/Bucket	22.5 lbs.	40,000
DP-8000	8"	203.2 mm	3-7/8"	98.4 mm	500/Bucket	24.7 lbs.	40,000

PERFORMANCE DATA

Property	Standard	Average Ultimate Value
Tensile Strength	ASTM F606-10	2500 lb.
Shear Strength	NASM 1312-20	1900 lb. (thread zone)
Corrosion Resistance	FM 4470, DIN 50018	< 15% Red Rust after 30 cycles

Average Ultimate Pullout Values in Corrugated Steel Deck Substrates

Thickness	24 ga.	22 ga.			20 ga.			18 ga.			16 ga.		
Yield Strength	36.5 ksi	33.0 ksi	80.0 ksi	102.0 ksi	33.0 ksi	80.0 ksi	102.0 ksi	33.0 ksi	80.0 ksi	102.0 ksi	33.0 ksi	80.0 ksi	102.0 ksi
Pullout (lbf.)	230	285	410	465	355	505	580	540	715	800	710	1000	1145

Average Ultimate Pullout Values in Wood Substrates

Thickness	APA Rated OSB			APA Rated Plywood				SPF #2
	7/16"	15/32"	19/32"	23/32"	15/32"	19/32"	23/32"	
Pullout (lbf.)	265	300	325	440	365	475	720	700*

* lbf./in. of thread penetration, including tip.

INSTALLATION GUIDELINES

For Steel and Wood Decks: Using the #3 Phillips drive bit provided and a 0-2500 rpm screw gun, install the fastener into the deck. The fastener must penetrate the deck a minimum of 3/4" as measured from underside

of the deck to the fastener tip. Care should be taken to orient the fastener perpendicular to the deck and not to overdrive the fastener to prevent damage to the insulation or membrane.

Bulletin No. TF-22071

DISCLAIMER

The information provided here is subject to change without notice. The performance specifications published in this TRUFast® product literature are based on controlled laboratory tests and are intended as a guideline only. They are not guaranteed in any way by the ALTENLOH, BRINCK & CO. US, INC., since building design, engineering, and construction,

including workmanship and materials, are beyond the control of the manufacturer. The manufacturer recommends that pull-out tests be conducted to verify the substrate provides adequate pull-out values.