

# TRAK-PRO SYSTEMS

## WASHERED INSULATION PINS

CERTIFICATION

TECHNICAL DATA



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# TRAK-PRO SYSTEMS

## WASHERED INSULATION PINS

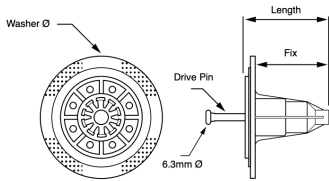
**Trak-Pro Systems Washered Insulation Pins** are designed for low-velocity powder actuated and Trak-Pro gas tools. Pre-assembled with drive pins, the fastest insulation panel fixing method into steel and concrete. Secure insulation panels from 1" to 6" to overhead ceilings, walls and facades



### KEY BENEFITS

- Anchor lengths available from 1" to 6"
- Large 2.25" diameter washer head secures insulation
- Steel pins range in length from 1.5" - 2"
- For attaching insulation over concrete / CMU
- Can be used to attach EPS, XPS, ISO, and mineral wool insulation

### DIMENSIONAL DATA



**TABLE 1: DIMENSIONAL DATA OF TRAK-PRO WASHERED INSULATION PINS**

PART #	ANCHOR LENGTH (in.)	PIN LENGTH (in.)
1TPIW100	1"	1-1/2"
1TPIW112	1-1/2"	1-1/2"
1TPIW200	2"	2"
1TPIW212	2-1/2"	2"
1TPIW300	3"	2"
1TPIW400	4"	2"
1TPIW500	5"	2"
1TPIW600	6"	2"

### INSULATION TOOLS

Trak-Pro insulation washered drive pins can be used with both of Allfasteners Trak-Pro gas nailers.

**TABLE 2: TRAK-PRO SYSTEMS INSULATION NAILERS**

PART #	DESCRIPTION	MAX. INSULATION THICKNESS
1TP40IN	Trak-Pro Gas Insulation Nailer	4-1/2"
1TP50IN	Trak-Pro Gas Insulation Nailer	6"



**TABLE 3: TOOLS SPECIFICATIONS**

PART #	SHOTS PER FUEL CELL	FUEL CELL SIZE	BATTERY SIZE	CHARGE TIME	SHOTS PER CHARGE	POWER RATING
1TP40IN	Approx. 1000	165mm	7.2V Lithium Ion	1 Hour	Approx. 1000	90j
1TP50IN	Approx. 1000	165mm	7.2V Lithium Ion	1 Hour	Approx. 1000	100j



## TECHNICAL DATA

**TABLE 4: AVERAGE PIN PULLOUT VALUES**

PART #	4,000 psi	5,000 psi	6,000 psi	CMU BLOCK
1TP40IN	450 lbs.	630 lbs.	630 lbs.	430 lbs.
1TP50IN	680 lbs.	630 lbs.	590 lbs.	-

Averages based on published PSI strength at cure time per concrete mfg specs. Note these values are only for the pins pulling out of concrete. The insulation would likely rupture or break anchor before achieving these values.

**TABLE 5: AVERAGE PIN PULLOUT VALUES FOR STEEL STUDS (12-18 GAUGE)**

PART #	12 GAUGE	14 GAUGE	16 GAUGE	18 GAUGE
1TP40IN	Do Not Recommend	Do Not Recommend.	571 lbs.	337 lbs.
1TP50IN	963 lbs.	745 lbs.	527 lbs.	393 lbs.

Please note these values are only the pins pulling out of the steel studs. The insulation would likely rupture or, or break anchor before achieving these values.

**TABLE 6: AVERAGE ANCHOR FAILURE VALUES**

PART #	PULL VALUE
1TPIW100	290 lbs.
1TPIW112	
1TPIW200	
1TPIW212	
1TPIW300	
1TPIW400	
1TPIW500	
1TPIW600	

Plastic anchor rupturing before pin pulls out of concrete.

## ORDERING INFORMATION

**TABLE 7: ORDERING INFORMATION OF TRAK-PRO WASHERED INSULATION PINS**

PART #	ANCHOR LENGTH (in.)	PIN LENGTH (in.)	QTY/BOX	QTY/CASE
1TPIW100	1"	1-1/2"	300	12,600
1TPIW112	1-1/2"	1-1/2"	250	10,500
1TPIW200	2"	2"	250	10,500
1TPIW212	2-1/2"	2"	250	8,000
1TPIW300	3"	2"	250	8,000
1TPIW400	4"	2"	200	6,400
1TPIW500	5"	2"	200	6,400
1TPIW600	6"	2"	200	6,400