

VERSA-FAST FASTENER

Gypsum, Cementitious Wood Fiber & Lightweight Insulation Concrete Roofing Fasteners

DESCRIPTION

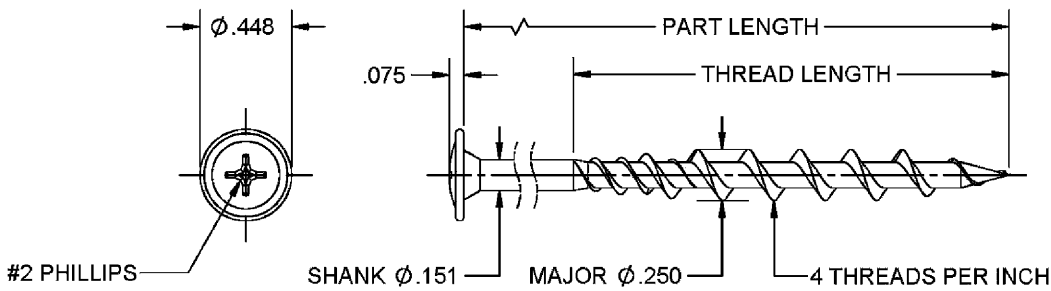
The ASAP Fastener System Fasteners are engineered to secure insulation, cover boards and base sheets to lightweight insulating concrete (LWIC) and gypsum decks. The Versa-Fast Fastener features an exclusive thread design engineered for exceptional pullout. When used in conjunction with our Versa-Fast 3" Metal Plate, multiple fasteners can be installed to achieve the required minimum pullout.

TYPICAL PROPERTIES*

PROPERTY	VALUE
Material	SAE C1022, heat treated
Coating	Epoxy E-Coat
Fastener Head	#2 Phillips Truss
Tensile Strength	2,000 lbf
Shear Strength	1357 lbf
Corrosion Resistance	<15% Red rust after 30 cycles

* All values shown are nominal.

PRODUCT SPECIFICATION



Enlarged to show detail

PRODUCT SELECTION

PART #	PART LENGTH		THREAD LENGTH		PACKAGING		QTY/ PALLET
	Inches	MM	Inches	MM	QTY/Bucket	Weight (lb)	
VF-2250	2 1/4	57.2	1,000	54.0	1,000	19.0	80,000
VF-3250	2 1/4	82.55	1,000	54.0	1,000	20.0	80,000
VF-4250	2 1/4	107.5	1,000	54.0	1,000	33.0	80,000

PERFORMANCE DATA

SUBSTRATE	DENSITY	YIELD STRENGTH	AVERAGE ULTIMATE PULLOUT*
	pcf	psi	lb
Aggregate LWIC	63	370	190
Cellular LWIC	41	290	320
Gypsum	93	340	350

*One fastener per plate

INSTALLATION

For LWIC and Gypsum Decks: Using the #2 Phillips drive bit provided and a 0-1500 rpm screw gun, install the Versa-Fast Fastener and Metal Plate through the substrate and into the approved deck. The fastener must penetrate the deck a minimum of 2 inches. Care should be taken to orient the fastener perpendicular to the deck and not to overdrive the fastener to prevent damage to the cover board, insulation or membrane.

PULLOUT TESTING

The strength of different roof decks can vary widely and can be adversely affected by moisture and other conditions. Therefore, it is recommended that a fastener pull test be conducted to help evaluate deck condition and fastener suitability. Contact Performance Roof Systems Technical Services to schedule testing.

APPROVED ACCESSORIES

- Versa-Fast Metal Plate

