

VERSICO HPV FASTENERS

GENERAL:

Versico HPV Fasteners, specifically designed by Versico, are used with Versico's Fastening Plates to secure membrane, insulation and RTS. The HPV Fastener is used on wood (minimum 15/32" CDX plywood), steel decks (22 gauge or heavier). The HPV Fastener is designed to offer a good combination of pullout, backout and corrosion resistance with excellent driving performance.

TYPICAL PROPERTIES AND CHARACTERISTICS:

Size Inch	Weight/Bkt.	Length Inch	Packaging Fasteners
1 ¼	12 lbs.	Full	1,000
1 ¾	16 lbs.	Full	1,000
2 ¼	23 lbs.	Full	1,000
2 ¾	24 lbs.	Full	1,000
3 ¼	27 lbs.	3	1,000
3 ¾	31 lbs.	3	1,000
4 ¼	36 lbs.	4	1,000
5	41 lbs.	4	1,000
6	50 lbs.	4	1,000
7	29 lbs.	4	500
8	33 lbs.	4	500
9	37 lbs.	4	500
10	41 lbs.	4	500
11	45 lbs.	4	500
12	48 lbs.	4	500
13*	52 lbs.	4	500
14*	56 lbs.	4	500
15*	60 lbs.	4	500
*Supplied in cardboard cartons only.			

- One #3 square drive screwdriver bit is included in each carton.
- .180 inch wire diameter with a #3 square drive.

	Steel Deck 22 Gauge or Heavier	Wood Deck 15/32" Plywood	Concrete Deck 3000 psi or Greater
Typical Pullout Value	575 lbs.	400 lbs.	1,000 lbs.
Minimum Penetration	3/4"	1"	1 1/4"
Maximum Penetration	4"	4"	1 1/2"
Typical Static Backout	15.1 in. lbs.	N/A	N/A
Typical Drill Times	1.5 sec.*	N/A	N/A
* 18 gauge deck			

- Buttress thread angle 10°/45° puts a flatter and wider surface area in contact with the bottom of the deck, increasing pullout and backout resistance.
- 13 threads per inch increases the thread engagement, providing additional backout resistance.
- Mini drill-point design cuts a hole in steel decks maintaining contact between the deck and the minor diameter of the fastener, increasing backout resistance.
- Black epoxy, electro-deposition coating provides excellent corrosion resistance, surpassing the FM 4470 corrosion test of less than 15% red rust after 15 cycles in the Kesternich cabinet. Typical corrosion values are less than 15% red rust after 25 cycles in the Kesternich cabinet.

CAUTION AND WARNINGS:

- Eye protection is recommended during installation.
- Use care to avoid over-torquing the fastener.

INSTALLATION:

No pre-drilling is necessary for wood and steel decks. Simply insert the HPV Fastener through the appropriate Versico plate and install with a standard clutch drive electric screw gun. Ultimate fastener performance is achieved when the fastener is installed perpendicular to the deck and into the top flutes of a steel deck.