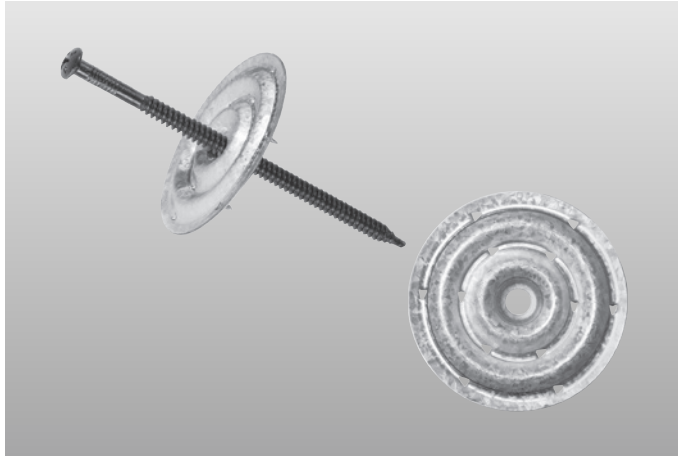


# HPVX Fasteners and HPVX Plates



## Overview

Versico HPVX Fasteners are used with HPVX Fastening Plates to secure mechanically attached VersiWeld® TPO and VersiFlex™ PVC roofing systems to 20- and 22-gauge steel decks or minimum 1<sup>5</sup>/<sub>32</sub>" CDX plywood decks. HPVX Fasteners are #15 steel-threaded fasteners that offer excellent driving and pull-out performance and outstanding resistance to back-out and corrosion. HPVX Plates are 2 3/8"-diameter, 20-gauge steel plates with 12 barbs that provide increased slip resistance of membrane during uplift conditions.

## Features and Benefits

- One #3 Phillips screwdriver bit included in each bucket
- 12 threads/inch increases thread engagement for additional back-out resistance
- Mini drill-point design cuts hole in the steel deck, maintaining contact between deck and the minor diameter of the fastener for increased back-out resistance
- Black epoxy electro-deposition coating provides excellent corrosion resistance, surpassing FM 4470 corrosion test of less than 15% red dust after 15 cycles in the Kesternich cabinet.

## Installation

No pre-drilling is necessary for wood and steel decks. Simply insert the HPVX Fastener through the HPVX Plate and install with a standard clutch drive electric screw gun (0-2500 rpm). Optimum fastener performance is achieved when the fastener is installed perpendicular to and into the top flutes of a steel deck.

REVIEW CURRENT VERSICO SPECIFICATIONS AND DETAILS FOR SPECIFIC INSTALLATION REQUIREMENTS.

## Precautions

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

## Typical Properties and Characteristics

	Steel Deck (20- or 22-Gauge)	Wood Deck (1 <sup>5</sup> / <sub>32</sub> " CDX Plywood)
Typical Pull-out Value	710 lbf (3158 N) 22 gauge	375 lbf (1668 N)
Minimum Penetration	3/4 (19 mm)	1" (25 mm)
Maximum Penetration	4" (100 mm)	4" (100 mm)
Typical Static Back-out	15 in lbs (1.7 N-m)	N/A
Typical Drill Times	1.5 seconds (20 gauge)	N/A

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.