



## PRODUCT INFORMATION

The PVC Trim manufacturer's recommended fastening requirements for attaching 5/8" through 5/4" PVC Trim applications include a wide range of nailing and trim screw options. The 2" fastener length of FastenMaster's Cortex Hidden Fastening System for PVC Trim significantly outperforms these traditional fastening options in both head pull through and withdrawal testing.

FastenMaster partners with leading PVC trim board manufacturers to ensure plug and fastener performance for the life of the project.

Current PVC Board Partners include: AZEK®, CertainTeed®, Ex-Cel®, Kloor®, Koma®, NuCedar®, Palram®, Ply Gem®, Royal®, Versatex® and WOLF®

### SPECIFICATIONS

Product	2" Cortex Trim Fastener
Material	Carbon Steel
Drive Type	#20 TORX® ttap®
Thread Type	Dual Lead 12 Threads/Inch
Tensile Strength	1,694 lbf
Shear Strength	1,861 lbf

### INSTALLATION PROCEDURES

1. Using the Cortex setting tool, drive the fastener perpendicular to the trim and directly over a framing member.
2. Allow the setting tool to release the fastener automatically at the pre-set level.
3. Place the plug into the hole with the trim surface side up and gently tap until the plug is flush.

*Cortex Tips: Use care to ensure the hammer is smooth and flat with the trim to eliminate marring the surface. Install plugs soon after installing the fastener to ensure the hole remains free of debris or moisture.*

#### SUGGESTED DRILLS:

Cordless drill with 1/2" chuck and 18V battery or an Impact driver

#### FULLY PAINTABLE

If desired, Cortex for PVC Trim can be painted. See PVC Trim manufacturer technical information for specific painting instructions.

#### TRIM BOARD DIMENSIONS

The Cortex Hidden Fastening System is designed for use with PVC Trim with thicknesses of 5/8" to 5/4".

#### IMPORTANT INFORMATION

- To remove a fastener set below the trim surface, remove the felt from setting tool, allowing full access to the seated fastener.
- The interaction between PVC Trim, screw and plug is essential. Use of non-Cortex screw or non-Cortex plug will result in nullifying the FastenMaster warranty.

#### GENERAL FASTENING PATTERN GUIDELINES

See PVC Trim manufacturer installation guidelines for specific fastening patterns and directions. These fastening instructions must be followed to meet FastenMaster Cortex warranty requirements. In general, use two Cortex fasteners at every framing member at 16" on center or less. If the trim board is 12" or wider, install three fasteners at each framing member.

### CONNECTION STRENGTH COMPARISON

#### IN 5/8" PVC TRIM

Fastener Type	Pounds	Failure Type	Difference
2" Cortex	460	Head Pull Through	---
2½" Trim Head Screw	210	Head Pull Through	-54%
2½" Painted Trim Nail	165	Nail Pull Out	-64%

#### IN 5/4" PVC TRIM

Fastener Type	Pounds	Failure Type	Difference
2" Cortex	480	Head Pull Through	---
2½" Trim Head Screw	300	Head Pull Through	-37%
2½" Painted Trim Nail	125	Nail Pull Out	-74%

*All testing performed on PVC trim applied over 7/16" OSB and SPF framing*



Effective January 15, 2015. Please reference our website to ensure that you are using the most up to date version.

153 BOWLES ROAD, AGAWAM, MA 01001

413-789-0252

800-518-3569

WWW.FASTENMASTER.COM