

# VuSafe Hurricane Shutter Installation Guide

See the Following Page for Hardware Descriptions

**It is very simple to install your VuSafe Panels. Please read through the instructions thoroughly before starting. It is a good idea to install your panels at least once before the onset of the hurricane season so that you are not attempting this for the first time while under threat of an approaching storm. If you have any questions please call 1-800-522-1599.**

## **1. Prepare the locations to be protected:**

Install any removable tracks( H header, Stud sills, F-track etc.). Insure proper anchorage to wall structure or floor surfaces. Slide the proper number of track bolts into any F tracks roughly aligning them with the panel spacing.

## **2. Match the numbered panels to each correspondingly numbered location:**

The bottom of each panel has 3 keyhole punches. These will align with the stud bolts of the sill track. Install the first panel, securing loosely in the first two attachment keyholes using one washer and one wing nut for each. Leave the third panel hole open to receive the next panel.

If the location has an 'H-header', simply push the panels up into the H-header and then guide the stud bolts through the keyholes. Each subsequent panel is installed overlapping the previous at the common flange. Be sure not to tighten any wing nut hardware yet. As you work your way across the opening, jostle panels into vertical alignment.

Some openings will require that the last panel be overlapped by 50% or a half panel may be supplied.

If a center support is specified, (center of panel F track), the center of the panels will also be keyhole punched. Be sure to align the track bolts for this as you install each panel and again, leave these wing nuts loose.

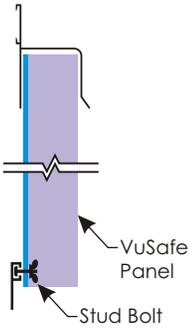
## **3. Secure the panels:**

Starting at one side of the opening, push each panel upward until it hits the under side of the H-header then tighten down the first set of wing nut & washer. Proceed to the next panel and repeat, tightening the hardware at the first panel overlap. Repeat this procedure until all location panels are secure. Next, tighten any center support F-tracks and related hardware.

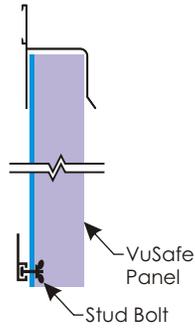
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## Panel Attachment Hardware

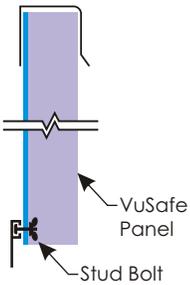
H-Header & F-Track



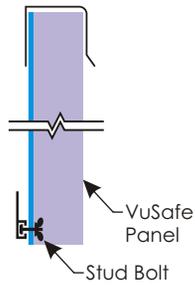
H-Header & F-Track (inverted)



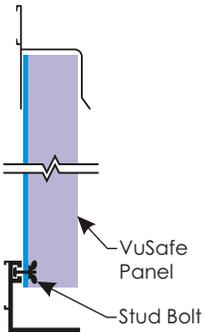
U-Header & F-Track



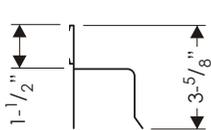
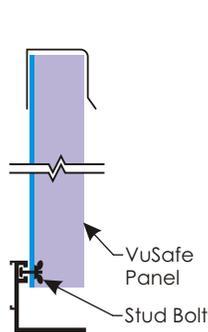
U-Header & F-Track (inverted)



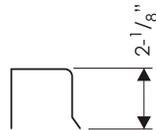
H-Header & L/F-Sill



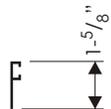
U-Header & L/F-Sill



H-Header



U-Header



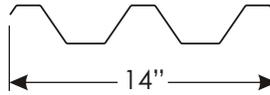
F-Track



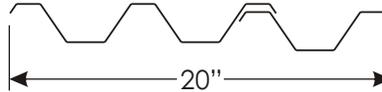
L/F-Sill

## Example Panel Configurations

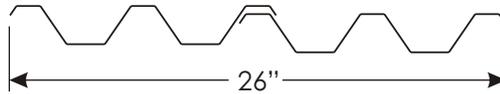
One Full Panel



One and One-Half Panels (Two panels overlapped by one-half)



Two Full Panels



## Center Support for Extended Shutter Lengths

