

Vivid Bi-Fold Door

Site Prep Guide

Preface

The Vivid Bi-Fold Door system requires proper site preparation to ensure optimal performance and operation after installation. The Vivid Bi-Fold Door Installation Instruction will provide the necessary information to properly prepare the wall opening for ease of installation and operational integrity with a screen.

The framing of the rough opening must be installed plumb, square, and true within 3/16" (5). The header must be flat and designed to uphold the deflection requirement of not more than 1/8" (3) over the entire length of the unsupported span when fully loaded. Side jambs and pocket framing must be constructed of a continuous flat solid surface that is plumb.

The bottom of the rough opening must be level to achieve the frame tolerance of +/- 1/16" of the sill.

IMPORTANT

Unfactored superimposed load (Live, Wind, or Snow) deflection over the entire length of the unsupported span cannot be greater than 1/8" (3) after natural sag of the beam and permanent loads are in place.



WARNING

Always practice safety! Wear the appropriate eye, ear and hand protection, especially when working with power tools.

Screen

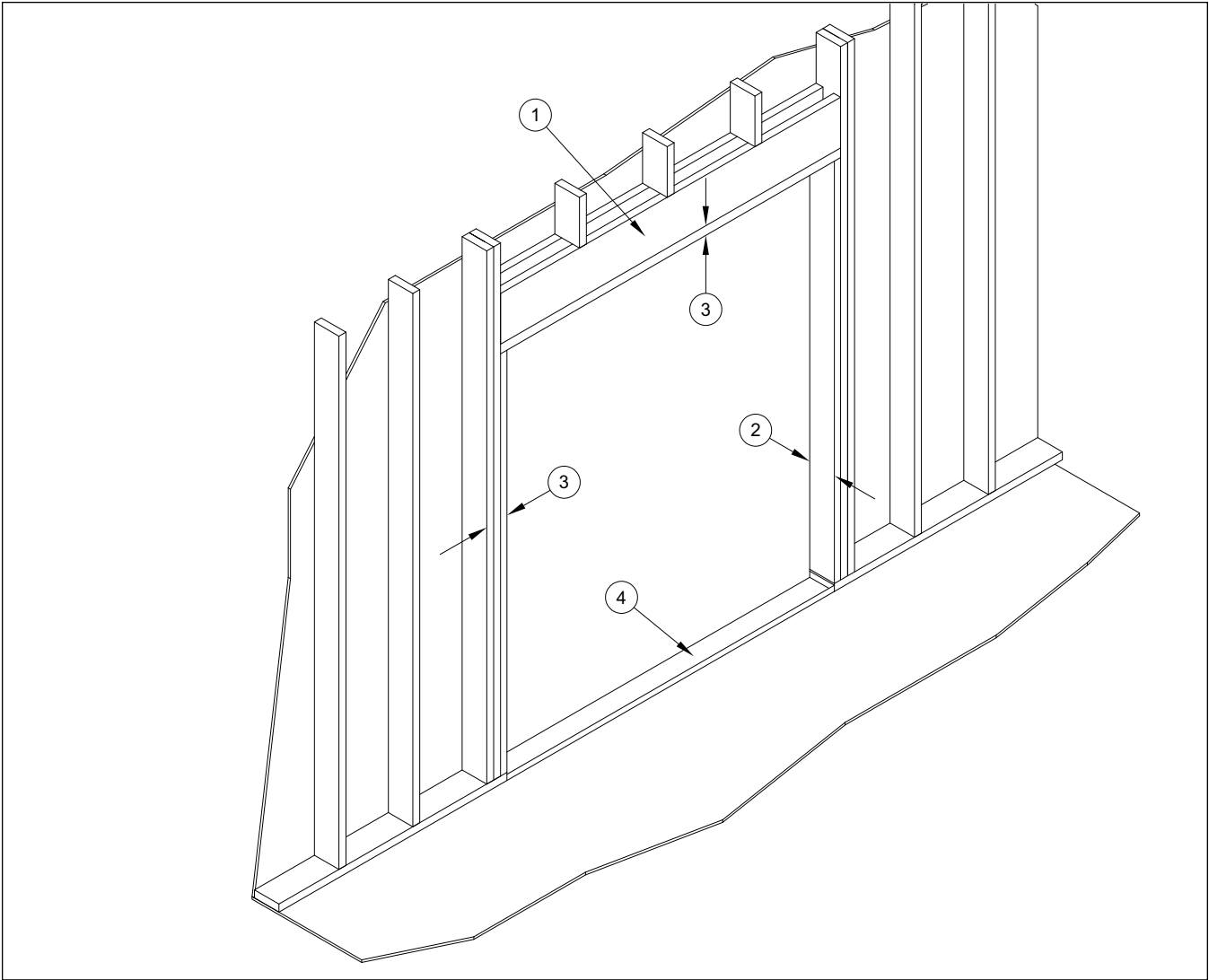
For instructions on how to install your Retractable Pleated Screen, please follow this link:

Single Screen: <https://www.geniusscreens.com/docs/librariesprovider3/pleated-screen-door-instructions/sheer-screen-classic.pdf?sfvrsn=4>

Double Screen: <https://www.geniusscreens.com/docs/librariesprovider3/pleated-screen-door-instructions/sheer-screen-advance-double-panel.pdf?sfvrsn=4>

To watch the installation video, follow this link: <https://www.youtube.com/watch?v=crgjDdBO1yA&t=1s>

Rough Opening Detail



1	Head jamb: Head jamb must be able to carry the full load of the door panels. This load can be approximated by using 7 psf.
2	Jamb Depth: The door is 4-9/16". If installing a screen the rough opening must be modified or a mounting surface for the screen needs to be installed.
3	Fastening Material: There must be a minimum of 2" of wood framing at the jambs and head jamb to use supplied fasteners.
4	Sill Panning (required): See next page for details.

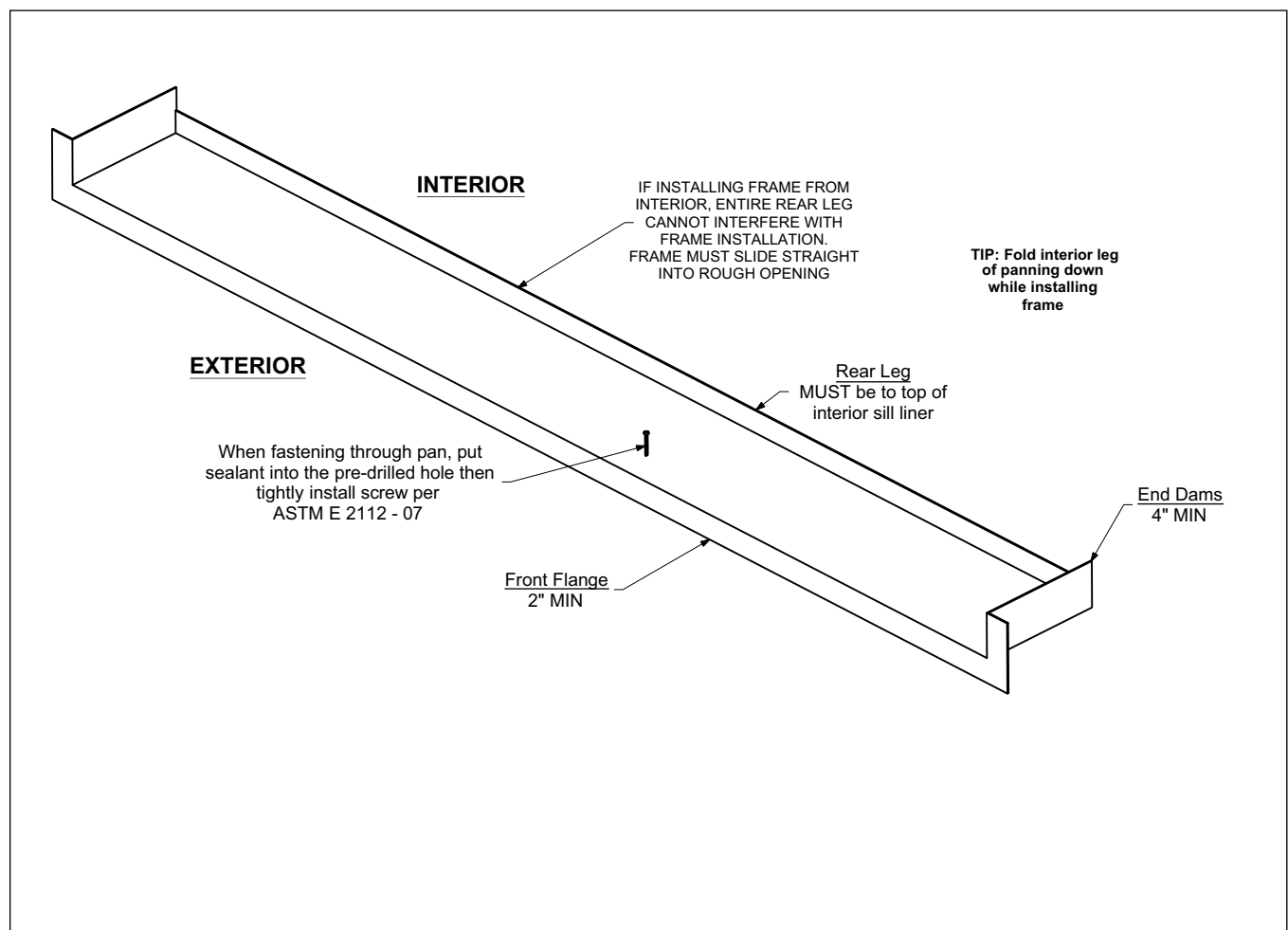
IMPORTANT

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Water Management-Sill Panning

We require a sill pan for all Vivid Bi-Fold doors in accordance with ASTM E2112. A sill pan is installed across the bottom of the opening and integrated into the weather-resistive barrier (WRB). The illustration below show the basic requirements. Modification may be needed depending on your Rough Opening and alternative field preparation. If installing a thick or sloped sill pan, longer sill fasteners shall be selected for adequate engagement into the rough opening. All sill fasteners shall be fully supported by passing through a solid sill pan or by passing through a solid stack of shims.

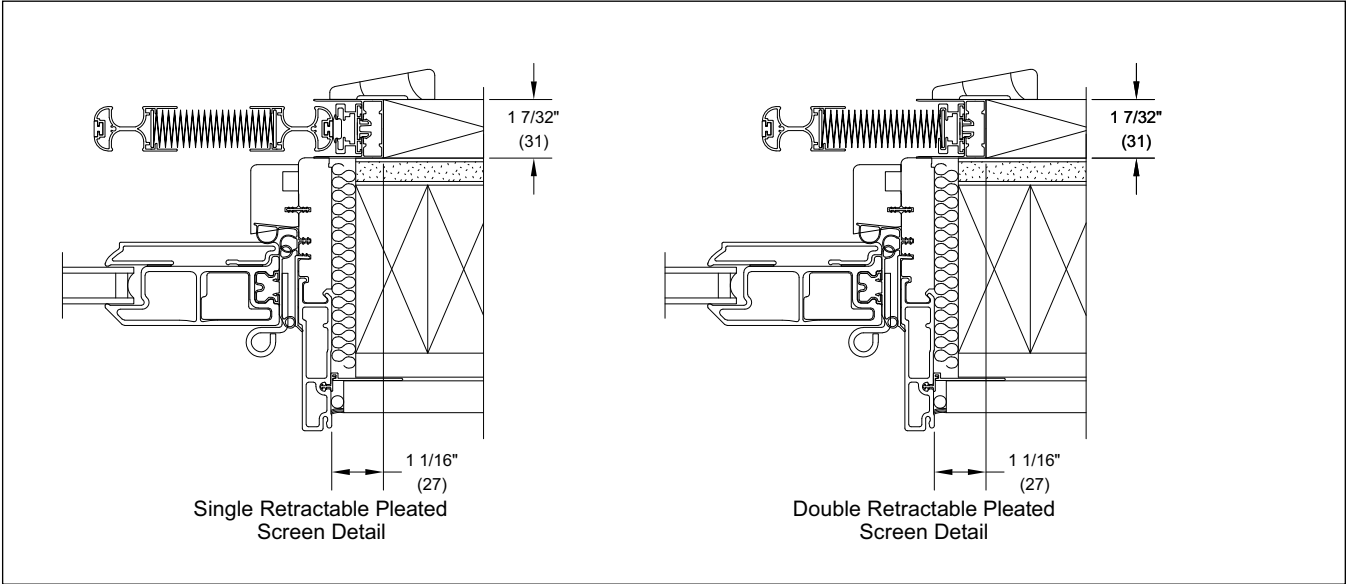
Types of pan flashing material (Based on ASTM 2112-07)		
Rigid Sheet	1 piece or multiple pieces	Type I
Rigid Sheet	Multiple pieces	Type II
Flexible Membrane	1 piece or multiple pieces	Type III
Combination System	Multiple pieces	Type IV
Liquid Membrane	Continuous coating	Type V



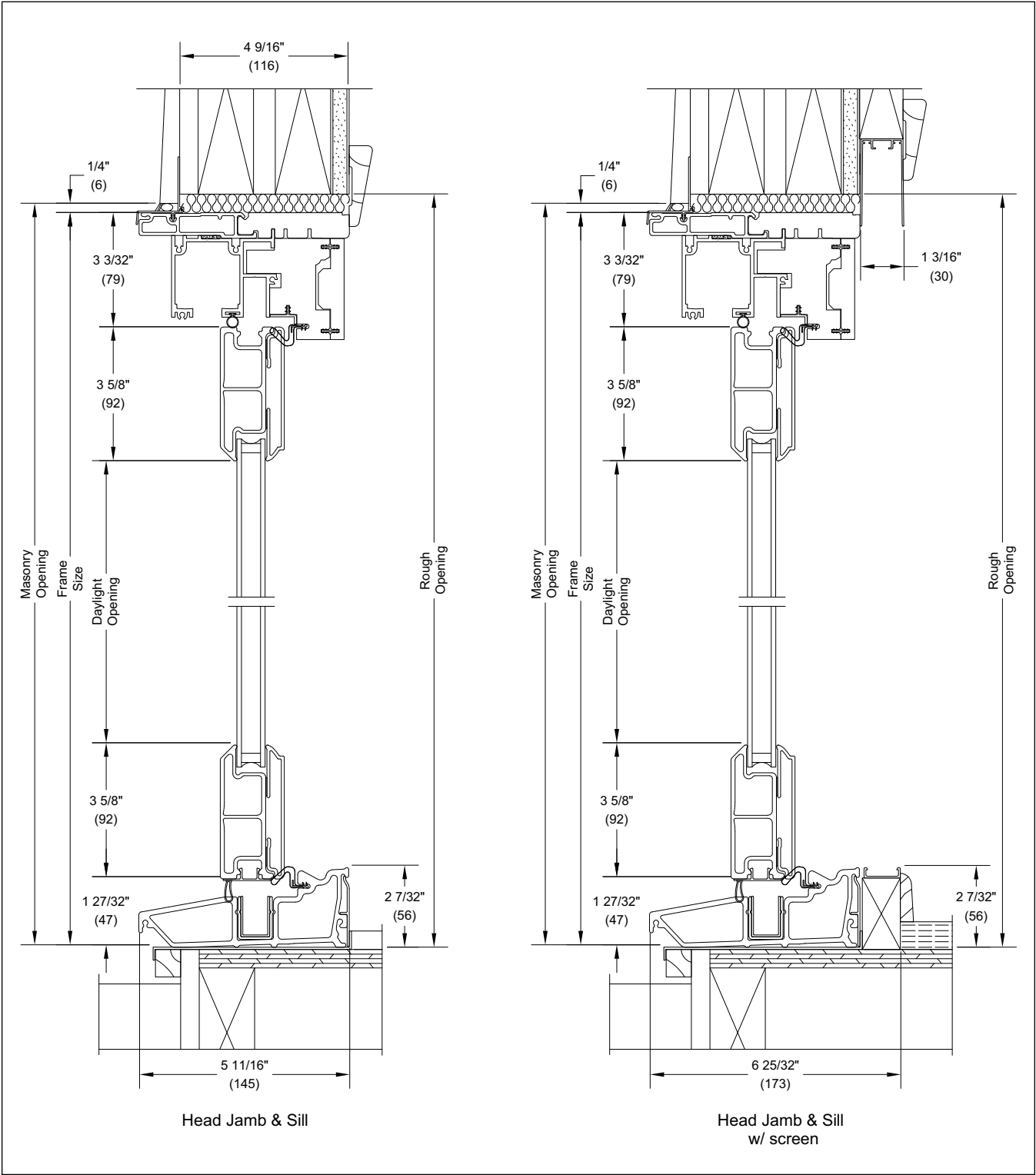
Construction Details

The following details are recommendations with different installation scenarios. Changes may need to be made to accommodate other specific needs.

Jamb



Head Jamb/Sill



Horizontal

