

# Fire-Rated Rainscreen

Conforms to ASTM E84

Class A / Class 1 Fire Rating

## Why Fire-Rated Rainscreen?

No wall is waterproof. Today's "Tighter" building increase the risk of moisture and mold problems that rainscreen systems greatly reduce by enabling moisture to swiftly exit the building envelope. Municipalities are increasingly requiring fire-rated walls for multi-story residential structures. Fire-rated rainscreens are an inexpensive insurance to mitigate the risk of wall failure and meet stringent building codes.

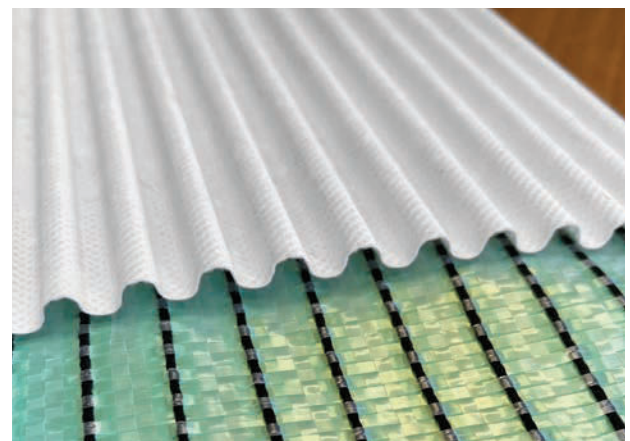
## The TABS® Advantage

- ✔ Fire-Rated Rainscreen conforms to ASTM E84, Class A / Class 1
- ✔ Unobstructed Drainage
- ✔ Vapor Permeable for Full Ventilation
- ✔ Resists Compression, Reduces Waviness

Rigid channels don't compress, creating predictable drainage



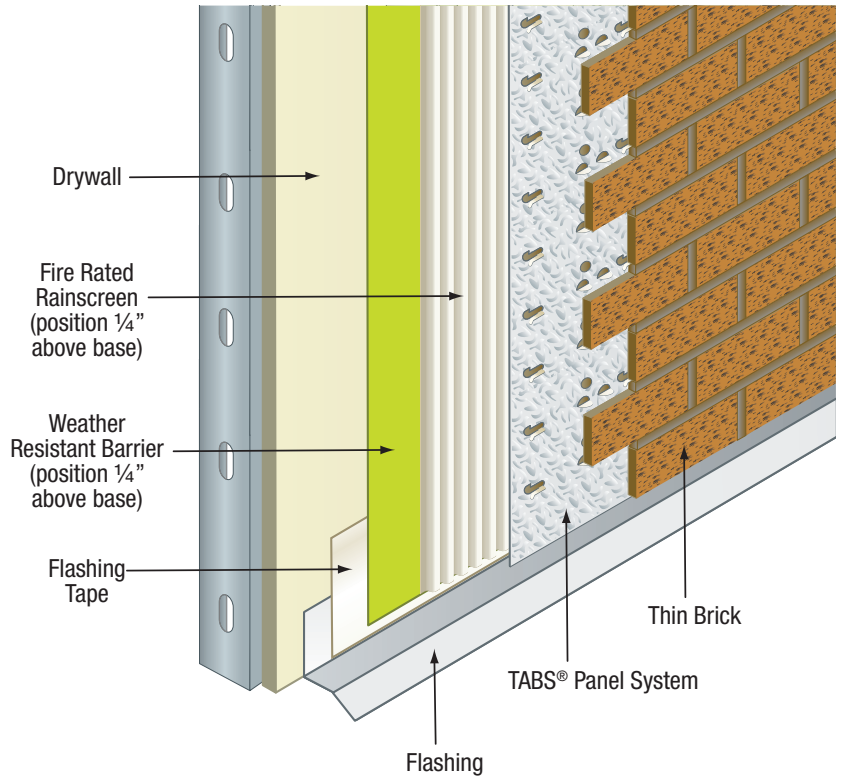
Fire-Rated Rainscreen



Fire-Rated Rainscreen with attached weather wrap

# Installation

- ✔ Install Fire-Rated rainscreen outboard of water resistive barrier.
- ✔ Corrugated material to be butted at seams. Do not overlap corrugated material. It is not necessary to align channels. Wrap rainscreen around corners and extend to nearest structural member.
- ✔ Fasten every 60" on-center with a hammer stapler over nailable surfaces. On masonry backup walls use dime-size dabs of adhesive to hold in place.



## Technical Information

**Material Description** Perforated and corrugated spunbond polyester body with an adhered spunbond polyester fabric.

**Fire Rating** ASTM E84, Class A / Class 1

**Water Vapor Transmission** 23.9 grains/hr·ft<sup>2</sup> (ICC-ES AC48)

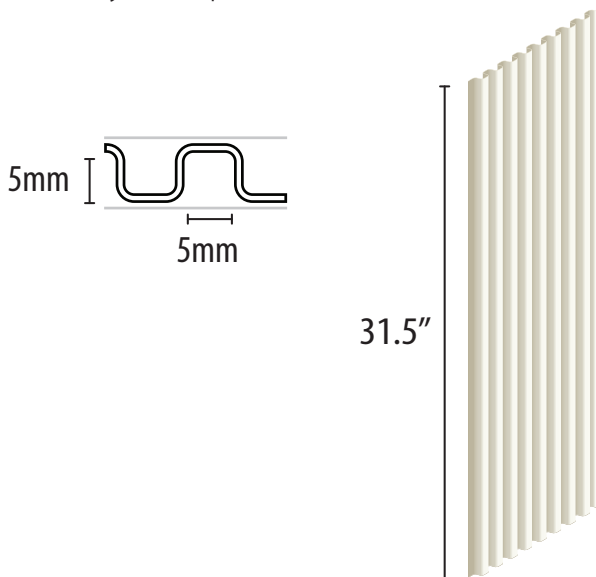
**Permeability** 266 perm·inch (ASTM E96)

**Fungi Resistance** Growth rating = Less growth compared to (control) material passing results

**Compressive Strength** 10% Displacement = 6.90 psi

**Vapor Permeance** 57.8 US Perms (ICC-ES AC48)

**Modulus of Elasticity** 57.8 US Perms (ICC-ES AC48)



## Fire-rated Rainscreen

FRSC 5032

### For Fire-Rated Systems

<b>Depth (drainage gap)</b>	3/16 in (5mm)
<b>Roll Length</b>	50 ft
<b>Roll Width</b>	31.5 in
<b>Roll Coverage</b>	132 ft <sup>2</sup>
<b>Pallet</b>	4,224 ft <sup>2</sup>

TABS® II Mortar Additive Added to Field Mixed Type S Mortar.

TABS® II

Weep Holes to be installed every 16" to 24" Horizontally Do not caulk under veneer.

Sealant

Note: When Installing TABS® II Rain Screen, Do Not Use Sealant. Chamber Must be Left Open To Allow for Equalization Of Pressure.

TABS® II Adhesive (for use with Brick or Decorative Block) applied in Dabs (or) TABS® II Structural Silicone ( for use with Natural or Manufactured Stone) applied in Vertical Strips.

TABS® II 90-Degree Double Tab Design, sits firmly beneath veneer, which eliminates open voids & air pockets.

TABS® II

1/ 2" to Maximum 1-1/ 4" Thin Masonry Veneer Supplied By TABS® Wall Systems or Approved Equal.

TABS® II Flashing Tape Wrapped Over Tabs II Rigid Flashing.

Rain Drop Wrap Lapped Over TABS® II G90 - 26 Gauge Rigid Flashing Minimum 6".

Extend Rain Drop Wrap Under & Past TABS® Galv. Flashing.

TABS® G-90 - 26 Gauge Flashing Fastened & Adhered to Building Structure.

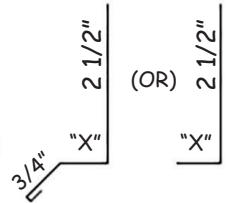
"X" TO DETERMINED BY SYSTEM THICKNESS

Cut Off TABS® Panel at support Tab to Facilitate TABS® Wall Systems G90 - 26 Gauge Rigid Flashing.

Control Joint Opening to Be Determined By Architect Or Engineer.

Substrate

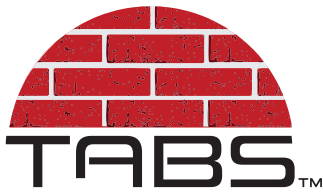
TABS® II Non-Corrosive Fastener designed to meet substrate criteria.



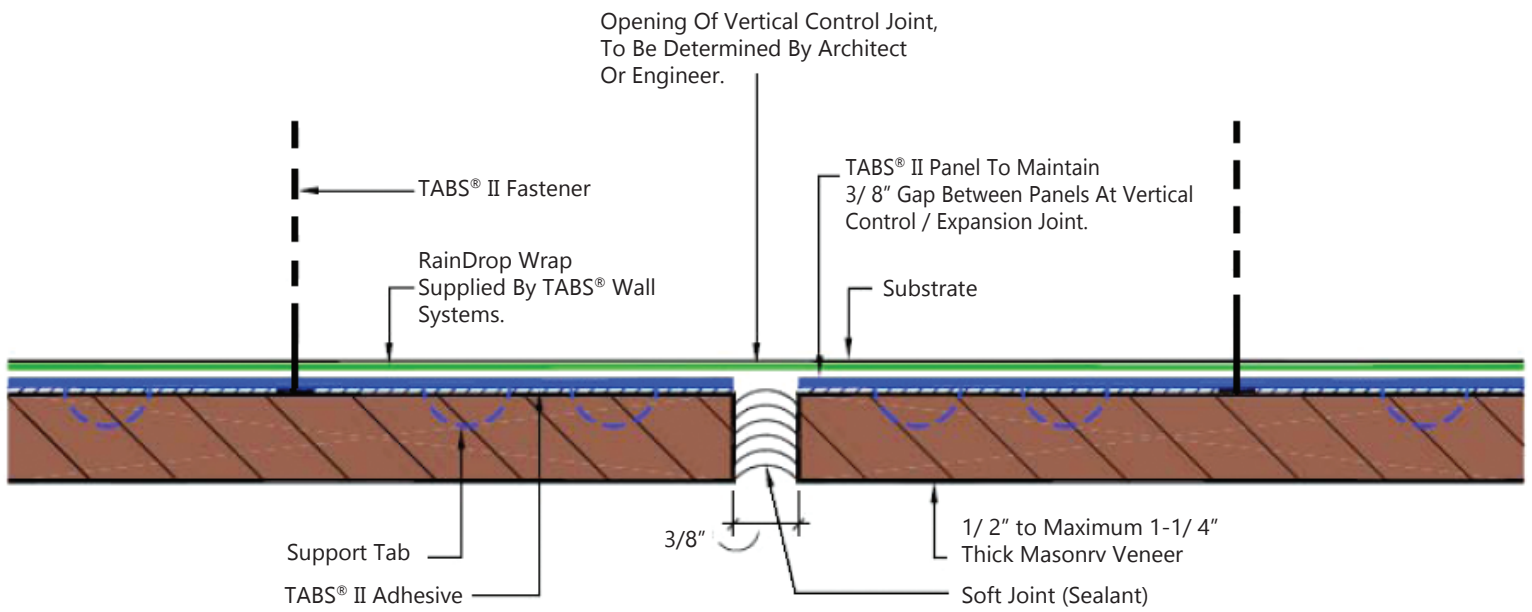
3/8"

## HORIZONTAL CONTROL JOINT

SCALE : FULL / LAST REVISION: 08-15-09



Thin Brick Support System and Veneer Support



## VERTICAL CONTROL / EXPANSION JOINT

SCALE : FULL / LAST REVISION: 08-15-09