



Fire-Rated Rainscreen Drainage Plane



Conforms to ASTM E84
Class A / Class 1 Fire Rating

Applications

- ☑ Stucco, Thin Stone or Thin Brick
- ☑ Natural Stone
- ☑ Full Brick
- ☑ Wood or Composite Siding
- ☑ Roofing Applications

Why Rainscreen?

No Wall Is Waterproof

No wall is waterproof. Today's "tighter" buildings 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 inexpensive insurance to mitigate the risk of wall failure and meet stringent building codes.



Thin Stone with Fire-Rated Sure Cavity® rainscreen drainage plane

The MTI Advantage

- ☑ Fire-Rated Sure Cavity® Conforms to ASTM E84, Class A / Class 1
- ☑ Unobstructed Drainage
- ☑ Vapor Permeable for Full Ventilation
- ☑ Resists Compression, Reduces Waviness
- ☑ Cut Install Time by 50% (vs. furring strips)
- ☑ Mortar Blocking Fabric & Bug Screen
- ☑ 20 Year Warranty



Rigid channels don't compress, creating predictable drainage

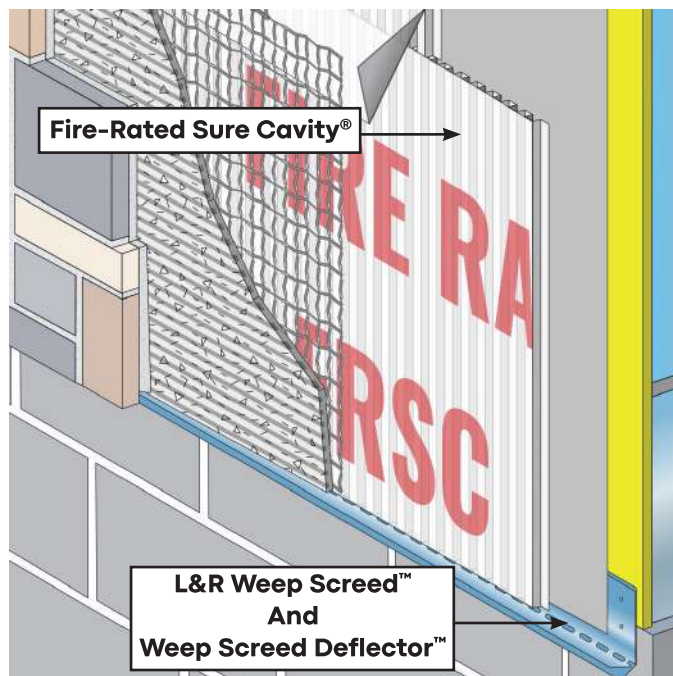




Fire-Rated Rainscreen Drainage Plane

Installation

- Install Fire-Rated Sure Cavity® rainscreen out-board of water resistive barrier. Mortar-blocking fabric faces installer.
- Back-wrap fabric skirt to create bug screen on the lowest course. Fabric skirt will lap shingle fashion in subsequent courses.
- Corrugation to be butted at seams. Do not overlap. Not necessary to align channels. Wrap rainscreen around corners and extend to nearest structural member.
- Fasten every 24" on-center with a hammer stapler over nailable surfaces. On masonry backup walls use dime-size dabs of adhesive to hold in place. Installing lath or veneer will ultimately sandwich rainscreen in place.



Complete installation guide and installation video can be found at MTIdry.com/installation

Technical Information

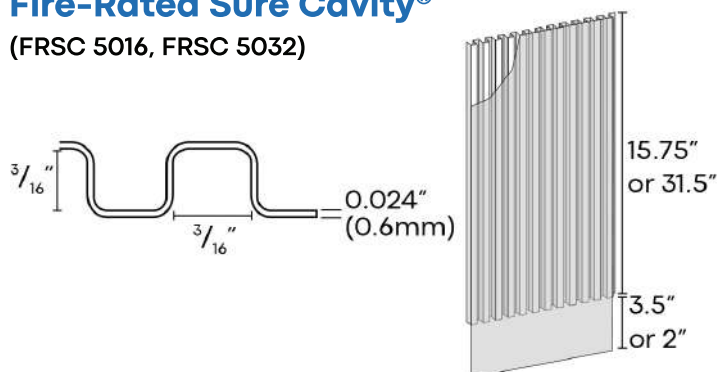
Material Description Perforated and corrugated spunbond polyester body with an adhered spunbond polyester fabric.

Fire Rating ASTM E84, Class A / Class 1

Fungi Resistance Does not support fungal growth (ASTM C 1338)

Complete testing reports can be found at MTIdry.com/mti-product-testing

Fire-Rated Sure Cavity®
(FRSC 5016, FRSC 5032)



FRSC 5016 | FRSC 5032

Depth (drainage gap)	3/16 in. (5mm)	
Roll Length	50 ft	
Roll Width	15.75 in	31.5 in
Roll Coverage	66 ft ²	132 ft ²
Pallet	4,224 ft ²	4,224 ft ²