

Innovative Building Envelope News from VaproShield

# VaproShield Ribbit Review

## Special Edition



**July 2015**

### PREMIERE PROJECTS

**Mural Apartments**  
Oakland, California



Mural Apartments is a \$44 million residential village. Over 330,000 sq. ft. of WrapShield RS Rain Screen WRB/AB with built-in drainage matrix (7mm) was installed. WrapShield RS Rain Screen offers one-step installation of a WRB, air barrier and rain screen cavity. The drainage matrix helps to dry-out cementitious stucco, reducing the incidence of moisture-related damage.

### Grand Beach Residence

ROT PROVED COSTLY



## LEAPFROGGING the Competition

### NEW! WrapShield RS Rain Screen WRB/AB

Another product innovation from VaproShield: WrapShield RS Rain Screen, a mechanically attached, water resistive (WRB), vapor permeable air barrier (AB) membrane with built-in rain screen drainage matrix and integrated tape at the horizontal seams.

#### LABOR SAVING

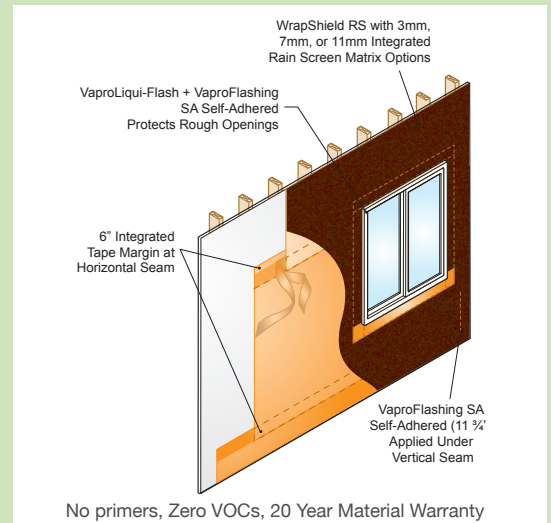
Install a rain screen cavity and WRB/AB all at once, saving valuable installation time and money.

#### COST SAVING OPTIONS

Three rain screen matrix options – 3, 7 and 11mm – offer cost saving options and work with conventional siding, trim and windows.

#### ACCURATE INSTALLATION

The factory installed integrated tape seals horizontal seams in all weather conditions and ensures proper shingle installation.



No primers, Zero VOCs, 20 Year Material Warranty

## Instant Rain Screen – Cost Effective Solution for Stucco and Conventional Siding

WrapShield RS Rain Screen 3mm creates an air space and drainage plane, helping to reduce the incidence of moisture-related damage while keeping the cementitious cladding materials such as stucco, stone, cedar, and fiber cement siding dry.

#### NO CHANGE TO DESIGN OR INSTALLATION REQUIRED

WrapShield RS 3mm creates a cost-effective rain screen cavity and does not require any design changes to cladding installation methods. WrapShield RS is easily wrapped with paperback self-furring lath for stucco design.

For siding installation, the minimalist 3mm drainage matrix maintains a level plane required for siding installation.

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### Grand Beach Residence ROT PROVED COSTLY

*continued...*

This beautiful residence overlooking the shores of Lake Michigan was gutted due to black mold and rot because the previous building wrap had failed miserably. Over 3,800 sq.ft. of WrapShield RS 3mm was installed behind the mahogany tongue and groove siding, protecting this year-round residence against the Lake Michigan weather extremes: bitter cold, high winds, heat and humidity.

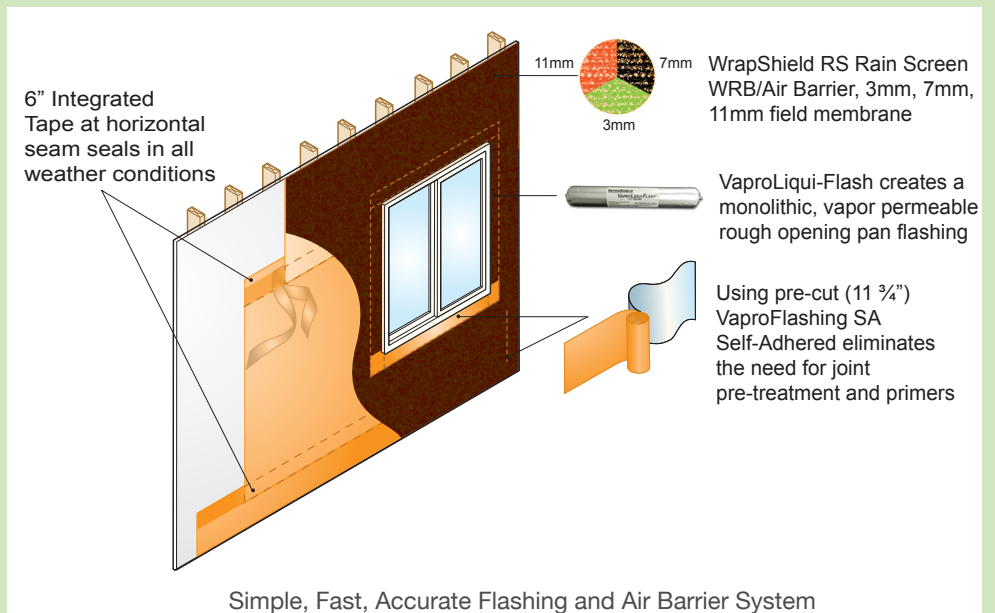
### Who is VaproShield?

For over a decade, VaproShield has designed and manufactured high performance mechanically attached and self-adhered vapor permeable water resistive barriers (WRB), air barrier (AB) membranes, and accessories to create a total solution-based approach to protecting the building envelope.

Our innovative features, such as integrated tape on the membranes, permeable hybrid fluid-applied flashing for rough openings, WRB sealant and various other accessories, have been rigorously tested together to maximize life-long building envelope performance and minimize building failure rates.

## Reduce Flashing Installation Time with an EASY 2-Component System

1. Protect the rough opening with VaproLiqui-Flash and VaproFlashing SA Self-Adhered
2. Install any window type
3. Apply WrapShield RS Rain Screen field membrane



## Ribbit Resource: The Tragic Cost of Structural Damage

A recent report from the City of Berkeley, CA, building inspectors confirmed earlier suspicions that severe dry rot in the balcony was the cause of the tragic balcony collapse. The report released on 6/23, one week after the accident, said the deck's severed joist ends looked "extensively rotted" where the structure had ripped from the exterior wall of the apartment building.

Read more in the article, "Rot and Decay, Seen in Doomed Balcony" from Durability and Design, [www.durabilityanddesign.com](http://www.durabilityanddesign.com)