

Innovative Building Envelope News from VaproShield

# VaproShield Ribbit Review



## Who Is VaproShield?

VaproShield markets and distributes affordable, innovative products that reflect state-of-the-art building envelope science. Our systems offer distinct drying capability advantages in all types of building design including high rise construction. Our 20 year warranty exceeds all industry standards.

## WrapShield SA Project Profiles



Veterans Administration Healthcare System in North Las Vegas installed 300,000 S/F of WrapShield SA.



Self-Adhered is featured on "The Grotto," a 9000 S/F addition to Brody Hall at Michigan State University.



Over 60,000 S/F of WrapShield SA (Self-Adhered) was installed in the \$150 million expansion project of the Central Washington Hospital, WA

## VaproShield Launches WrapShield SA - Self-Adhered

### No Primer Required!

In Spring 2010 VaproShield launched WrapShield SA (Self-Adhered). WrapShield SA is the highest vapor permeable (50 perms) membrane and an air barrier in one innovative, affordable self-adhering product.



### Save on Labor

It fully bonds to almost any substrate for air tightness and ease of installation, requiring no primer, saving thousands of dollars on labor and eliminates environmental, health and safety concerns of primer application.

### LEED

Additionally, the membrane contributes to LEED points for Indoor Environmental Air Quality and Energy & Atmosphere.

### Testing

Passed Air Barrier ASTM E 2357.05 as per Air Barrier Association of America

### Warranty

20 years

### Exposure

Sustains up to 4 months of UV and climate exposure.

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### GREENBUILD 2010

Vaproshield, LLC

DATE: **November 17-19**

LOCATION: **Chicago**

BOOTH: **854**



Visit us at Greenbuild 2010

### Why Should I Care About Perms and Permeability?

Proper building envelope design promotes continual drying by allowing vapor to escape. Moisture can penetrate a building envelope through materials and rain/snow exposure during construction. Trapped moisture can cause wood rot, swelling and distortion of lumber, corrosion of metal and reduction of insulation thermal value. Any or all of these issues result in a high risk of mold, mildew, building deterioration, poor indoor air quality and health and safety risks to occupant's increases.

Membranes with a higher perm value greater than 20 reduce the risk of condensation and promote escape of moisture through the building envelope. Additionally, membranes with a high perm value can help building materials "dry-out" during the construction phase.

Simply put, when you wear a traditional rain slicker (1 perm) outside you perspire because the moisture your body is making cannot escape.

On the flip side, if you went outside with a high perm slicker lined with something like Goretex® the moisture in your body can escape because the Goretex lining allows your body to "breathe."

**Contact us with your building envelope questions or newsletter topic suggestions.**

**[WWW.VaproShield.com](http://WWW.VaproShield.com)**