



## WRAPSHIELD SA® SELF-ADHERED

### Showcasing Sustainability

WrapShield SA Self-Adhered was first introduced to the North American market in 2009. Since then, VaproShield has been committed to maximizing membrane production on U.S. soil and manufacturing sustainable membranes to meet the highest worldwide standards.

VaproShield membranes, specifically WrapShield SA Self-Adhered, conform to the most rigorous green building standards including: Living Building Challenge, Net Zero Energy House, Passivhaus, COTE/AIA Top Ten Green Projects and LEED Platinum.

In 2014, VaproShield began manufacturing WrapShield SA Self-Adhered with a proprietary adhesive developed exclusively by VaproShield in North America. This patented new adhesive has a zero VOC footprint, and there are no Red List chemicals (as determined by the Living Building Challenge). Both formulation and application are performed in the U.S.

Quality control is ensured by VaproShield's strategic partner's stringent ISO 9000 standards at various manufacturing locations and at VaproShield corporate headquarters in Gig Harbor, Washington. Water Vapor Permeance ("WVP"), Liquid Water Holdout, and Adhesion are evaluated for each production run of WrapShield SA Self-Adhered.

As an industry leader in vapor permeable technology, VaproShield uses the test standards set forth by ASTM International, a globally recognized leader in the development and delivery of voluntary consensus standards [astm.org]. VaproShield uses the ASTM E398-13 test to monitor vapor permeance of the membranes. This testing technology, invented over 20 years ago for use by the packaging and medical industries, allows for faster, more precise measurements than traditional ASTM E96 testing methods while still allowing for direct comparison with ASTM E96 WVT (Water Vapor Transmission) values.

Example of VaproShield Testing Procedure:

From November 2014 – July 2015 VaproShield has tested over 200 WrapShield SA Self-Adhered production samples. Using the ASTM E398-13 Standard Test Criteria, the test results for the WrapShield SA Self-Adhered have been an average of 50.35 U.S. perms.

For further information regarding WrapShield SA Self-Adhered testing visit [VaproShield.com](http://VaproShield.com) or call 866-731-7663.