

**PROJECT PROFILE | BROCK ENVIRONMENTAL CENTER | VIRGINIA BEACH, VA**

**VAPROSHIELD REPRESENTATIVE**

THOMCO, Inc.  
800-334-0227  
[www.thomco1.com](http://www.thomco1.com)

**GENERAL CONTRACTOR**

Hourigan Construction  
4429 Bonney Road, Ste. 200  
Virginia Beach, VA 23462

**ARCHITECT**

SmithGroupJJR  
1700 New York Avenue, NW, Suite 100  
Washington, DC 20006

**PRODUCT(S)**

**SLOPESHIELD SA**<sup>®</sup> SELF-ADHERED Water Resistive Vapor Permeable Air Barrier Roof Underlayment

**PROJECT DESCRIPTION**

The Chesapeake Bay Foundation goes beyond LEED and achieves Living Building Challenge (LBC) certification with its Brock Environmental Center. The Center features net-zero CO2 emissions and revolutionizes sustainability.

SlopeShield SA Self-Adhered Water Resistive Vapor Permeable Air Barrier Roof Underlayment was chosen to be installed under the 50-year zinc shingles which outlast traditional shingles and omit lower toxicity. SlopeShield SA Self-Adhered helps this energy efficient initiative by having zero VOC's, easy installation and being free of Red List chemicals, which meets the strict guidelines of the LBC. SlopeShield SA Self-Adhered also protects the building envelope, adding to the building's energy efficiency.

At 10,000 sq. ft., the Center offers a plethora of exciting and eco-friendly features including: natural ventilation, daylighting and sunshading, geo-thermal heating and cooling and super installation.



SmithGroupJJR

*Being free from Living Building Challenge's red list chemicals, SlopeShield SA Self-Adhered (red) was chosen to protect the roofing structure.*



SmithGroupJJR

*SlopeShield SA Self-Adhered (red) was installed under the 50-year zinc shingles.*



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*The Brock Environmental Center is the first center in the state of Virginia to achieve Living Building Challenge (LBC) certification.*