

**PROJECT PROFILE | EDUCARE OF LOS ANGELES AT LONG BEACH | LONG BEACH, CALIFORNIA**

**VAPROSHIELD REPRESENTATIVE**

W.H. Steele Co., Inc.  
Greg McAloney  
Ontario, CA 91761

**ARCHITECT**

Dougherty Architects  
Costa Mesa, CA  
www.dougherty.us

**GENERAL CONTRACTOR**

American Modular Systems  
Manteca, CA  
209-825-1921

**PRODUCT(S)**

**WRAPSHIELD SA®** SELF-ADHERED Water  
Resistive Vapor Permeable Air Barrier Sheet  
Membrane

**PROJECT DESCRIPTION**

VaproShield's WrapShield SA Self-Adhered was installed on 9 multi-dimensional modules that form Educare of Los Angeles at Long Beach. The contractor American Modular Systems (AMS) collaborated with Educare, Dougherty Architects, and LBUSD to 'modularize' the design and install a self-adhered WRB/ Air-barrier membrane pre-construction for significant cost and time savings.

WrapShield SA Self-Adhered WRB/Air Barrier was ideal for the project, as it was easily applied *directly* to the modular units during factory fabrication. Crews simply removed the recyclable release film and rolled over the membrane to ensure adhesion—with a comfortable 30 minutes allowed for repositioning—thereby reducing scrap. In addition, WrapShield SA Self-Adhered's high drying capacity will help to mitigate potential moisture damage within the building envelope, and control air infiltration, saving energy and improving indoor air quality – two key priorities in modular building design.

The 31,483 sq. ft. Educare of Los Angeles at Long Beach is the first integrated two-story and single-story campus for AMS, and will provide quality learning spaces that are solar-ready and site-optimized for renewable energy.



WrapShield SA Self-Adhered WRB/Air Barrier (orange) was installed on 9 modules at the American Modular Systems factory in Manteca, CA before being delivered to their final location in Long Beach, CA.



The modules were brought in by crane to their final positions at Educare of Los Angeles at Long Beach .



WrapShield SA Self-Adhered's ability to be exposed for up to six months was instrumental in accommodating the characteristic shipping process of modular construction.