

PROJECT PROFILE | POST-DISASTER HOUSING PROTOTYPE | NEW YORK CITY, NEW YORK

ARCHITECT

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PRODUCT(S)

WRAPSHIELD SA[®] SELF-ADHERED Water Resistive Vapor Permeable Air Barrier Sheet

PROJECT DESCRIPTION

VaproShield was honored to have WrapShield SA Self-Adhered selected for use on an experimental post-disaster housing prototype located in Brooklyn, NY. The “townhouse” style post-disaster housing, which consists of five modular units stacked on top of each other, was featured in GreenSource’s *SNAP Magazine*, October 2014 issue.

In development since 2008, NYC’s post-disaster housing prototype was inspired by a two-fold desire; to keep people safe and to allow citizens to recover and rebuild in their own communities. The prototype will be on site for a year. The NYC Office of Emergency Management is currently working with NYU-Poly to do an occupancy study.

WrapShield SA Self-Adhered was a logical choice for Mark Line Industries and the project team. The product provides the 12’ by 40’ units superior protection against changing weather. WrapShield SA Self-Adhered helps to regulate air flow to keep units cool in the summer and warm in the winter, thus reducing energy costs. The product’s vapor permeability can reduce the effects of moisture damage such as mold, mildew and rot to assist in ensuring the units’ lasting structural integrity. VaproShield products contain zero VOCs, meeting Mark Line Industries’ rigorous sustainable design build standard.



WrapShield SA Self-Adhered Water Resistive Vapor Permeable Air Barrier Sheet (orange) provides superior protection on NYC’s Post-Disaster Housing Prototype. Photo courtesy of Mary Frost.



In development since 2008, the prototype was designed to provide a safe and comfortable living space for victims of natural disaster. Photo courtesy of Mary Frost.



An architectural rendering of a 3 bedroom post-disaster modular home. Rendering courtesy of Garrison Architects.