

ARCHITECT

Gluck+
New York, NY
212-690-4950

VAPROSHIELD REPRESENTATIVE

Michael Quinlan Thomco, Inc
Quinlan & Associates Newark, DE
Cranford, NJ info@thomco1.com
mquinlan@mrqsales.com 302-454-0361
908-931-1152

FABRICATORS

DeLuxe Building Systems
Berwick, PA
866-891-7310

PRODUCT(S)

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

PROJECT DESCRIPTION

Over 32,000 sq.ft. of WRAPSHIELD SA[®] SELF-ADHERED was used on the 56 steel and concrete modules in the unique, seven-story, 28-unit apartment building known as "The Stack," on an infill site in Upper Manhattan. WRAPSHIELD SA[®] SELF-ADHERED was installed on one or multiple sides of each module in the factory, depending on the final unit placement position.

DeLuxe Building Systems, the module fabricator, also used VaproLiqui-Flash, a liquid applied, breathable, waterproof flashing material for window and door interfaces. The penetrations on each module were different sizes so using the easy-to-apply, fast-to-cure, VaproLiqui-Flash reduced installation time and increased overall flashing accuracy.

Before tenants can move-in, contractors will need to "zip-up" the building. The process includes welding and bolting the modules to each other, making vertical and horizontal connections between already in place ducts, piping, and conduit, and installing the concrete facade panels over 1-inch girts.

Gluck+ and developer estimate that a similar but conventionally constructed building would have cost 15 percent more.



Over 32,000 sq. ft. of WrapShield SA Self-Adhered Water Resistive Vapor Permeable Air Barrier Sheet was used on this modular apartment building.



Modular unit being put in place. WrapShield SA Self-Adhered (orange) is on multiple sides of each unit. Photos courtesy of Gluck+.