

PROJECT PROFILE | LONG BEACH HIGH SCHOOL | LONG ISLAND, NY

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PRODUCT(S)
WRAPSHIELD SA[®] SELF-ADHERED Water
Resistive Vapor Permeable Air Barrier Sheet
Membrane

PROJECT DESCRIPTION
Natural disaster, Hurricane Sandy, was no match
for WrapShield SA Self-Adhered.

In mid-October 2012, before any cladding had
been applied to this \$16.5 million dollar project,
Superstorm Sandy hit Long Island. Approximately
50,000 sq. ft. of WrapShield SA Self-Adhered
enveloped the three-story, 20,000 sq. ft. addition to
Long Beach High School.

Installed over a lateral force-resisting system that
included only concrete walls, precast concrete
planks and masonry shear walls, WrapShield SA
Self-Adhered served as Long Beach High School's
only protection during the hurricane. Enduring days
of reported wind gusts over 70 mph and consistent,
torrential rainfall, the water resistive, vapor
permeable, air barrier membrane remained entirely
intact.

WrapShield SA Self-Adhered weathered the storm
and showed zero indication of leakage or water
damage. Twelve months after Sandy (10/2013),
the addition, which has been occupied by students
and staff since early 2012, was still without
cladding and protected only by WrapShield SA
Self-Adhered. The structure was safe enough for
inhabitation and still showed no signs of leaks
within the building envelope.



Over 50,000 sq. ft. of WrapShield SA Self-Adhered air barrier installed
on the \$16.5 million dollar addition to Long Beach High School in Long
Island, New York.



WrapShield SA Self-Adhered air barrier remained intact in torrential
rainfall and wind gusts of over 70 mph. Source: LongBeach.Patch.com



Long Island after Hurricane Sandy. Source: Publicnewservice.org

Important Note: VaproShield is pleased that WrapShield SA Self-Adhered air barrier performed in extreme conditions during Superstorm Sandy. It is important to note that WrapShield SA Self-Adhered has been tested to withstand 180 days of UV and climate exposure prior to installation of cladding.