

PROJECT PROFILE | IRWIN M. JACOBS ELEMENTARY SCHOOL | NEW BEDFORD, MASSACHUSETTS

VAPROSHIELD REPRESENTATIVE

Roof Tech Sales
New Andover, CO 01845
978-682-2210
Rtsreps.net

ARCHITECT

Turowski2 Architecture, Inc.
Marion, MA 02738
508-758-9777
t2architecture.com

GENERAL CONTRACTOR

H.V. Collins, Inc.
Providence, RI 02906
401-421-4080
www.hvcollins.com

PRODUCT(S)

REVEALSHIELD[®] UV Stable Water Resistive Vapor Permeable Air Barrier Membrane

PROJECT DESCRIPTION

Over 60,000 sq. ft. of RevealShield IT Integrated Tape was installed in the construction of the Irwin M. Jacobs Elementary School in New Bedford, MA. In proactive response to years of failing plaster and foundational issues with the original and recently-demolished school structure, the new and complex build would involve two different building envelope solutions—with versatile RevealShield IT Integrated Tape utilized in both.

The primary building envelope consisted of gypsum sheathing, a vapor barrier, and mineral wool insulation wrapped in RevealShield IT Integrated Tape. RevealShield IT was installed to protect the mineral wool from wind and water infiltration, allowing it to maintain its intended R-value. To finish the exterior, architects chose ultra high performance concrete (UHPC) panels.

The second building envelope design consisted of plywood sheathing, RevealShield IT, and metal wall panels. Boasting ease of installation, thermal efficiency, and LEED credits, RevealShield IT Integrated Tape will help Irwin M. Jacobs Elementary School achieve all the necessary design features for a truly sustainable learning institution.



60,000 sq. ft. of RevealShield IT Integrated Tape (black) was installed behind UHPC (ultra high performance concrete) panels



RevealShield IT Integrated Tape was installed to protect the mineral wool from wind and water infiltration, allowing it to maintain its intended R-value.

