PROJECT PROFILE

SEABROOK MIDDLE SCHOOL

Staycell ONE STEP® 255 Spray Foam Insulation

Location: Seabrook, NH

Project Size: 4,000 square feet

PROJECT OVERVIEW:

The Seabrook Middle School renovation was part of the district's school-wide energy efficiency initiative to improve building performance and reduce energy consumption. In addition to upgrades made to the lighting and HVAC equipment, detailed building envelope analysis identified significant air leakage thru the roof/wall transition joints. According to a study conducted by the Oak Ridge National Laboratory, air leakage is responsible for nearly 40% of heat/cooling loss in an average building.

To control air leakage, Staycell ONE STEP® 255 was applied 2" thick to all perimeter wall/roof joints and transition areas. Staycell ONE STEP® 255 is the ideal product for this application as it provides efficient thermal insulation, moisture/condensation control and air infiltration control in a single product.

KEY BENEFITS:

- Provides superior R-value compared to other traditional materials such as fiberglass and cellulose
- Creates seamless air barrier that eliminates energy loss through air leakage
- Will not peel or flake
- Provides vapor retarder that controls moisture problems
- Environmentally friendly, containing no ozone depleting materials
- Installed by PSI trained Authorized Applicators

Staycell ONE STEP® 255 was specified as it complies with the code and fire safety requirements of the International Building Code (IBC) when left exposed in occupied spaces without thermal barriers, providing the lowest installed cost of any spray foam system available.

PSI
PREFERRED SOLUTIONS, INC.

7819 BROADVIEW ROAD • CLEVELAND, OH 44131 • 1.800.522.4522 • TEL 216.642.1200 • FAX 216.642.1166 • WWW. STAYFLEX.COM