

Outsulation[®] MD System[®] Case Study



Dryvit Brings Colorful and Cost Effective Solutions to the URI Campus



When the University of Rhode Island started the largest building project in its history, cost and aesthetics were important factors in the exterior cladding selection. Eddy, Garrahy and Wiley halls are the first new residence halls to open on the Kingston Campus since 1971, and giving them a fresh look was very important.

These three new buildings provide 800 new on-campus housing rooms, and represent a crucial factor in the growth of the university. It was only fitting that a sustainable, energy efficient and cost effective cladding be chosen for the new facilities. The construction was completed in the Fall of 2006, and 45,000 square feet of Dryvit Outsulation[®] MD was used on the expansion.

Architect Rick Bouchard of the S/L/A/M Collaborative, who works with Dryvit frequently, explains "We chose Outsulation MD for the



residence halls for multiple reasons. It was really a combination of aesthetics and economics – Dryvit Outsulation is much more cost efficient than traditional clay brick and its light weight allowed us to save money on the structural elements of the buildings."

In fact, Dryvit Outsulation Systems have been proven to be up to 84 percent more energy efficient than other commonly used claddings

Project Name:

URI Campus
Kingston, RI

Architect:

Rick Bouchard
S/L/A/M Collaborative

Dryvit System & Finish:

Outsulation MD
Sandpebble[®] Fine

General Contractor:

Gilbane Building Co.
Providence, RI

Dryvit Applicator:

H. Carr & Sons, Inc.
Providence, RI

Dryvit Distributor:

Merrimack Building Supply, Inc
Medway, MA

including brick, glass, stucco, concrete, wood and masonry. This substantially superior energy efficiency translates into annual savings every year the building is occupied, on average, between 20 and 30 percent.

In addition to the monetary benefits that Outsulation MD offers, there are also many aesthetic benefits. "Several claddings were taken into consideration for the new residence halls and one of the main factors that lead us to select Dryvit was the color options," said Chris Browning, the general contractor for Gilbane Building Company. "The architect created numerous electronic renderings using different color combinations and also requested mock-ups of the finishes that we reviewed on site," he added. The finishes ultimately selected for the residence halls are two custom colors of Sandpebble® Fine.

Neal Sabourin of H. Carr & Sons, Inc., the applicator for the residence halls, agreed wholeheartedly about the benefits of using Outsulation. "Dryvit systems offer huge cost-savings when compared to masonry and Outsulation provides options for contrast and architectural details that we could never achieve using clay brick."

Aside from the visual benefits and cost savings, the Outsulation MD system offers the most comprehensive moisture drainage system available for commercial use. It provides three lines of defense against water intrusion: the combination of reinforced base coat and finish, the grooved expanded polystyrene (EPS) with drainage track and vent assembly, and Backstop® NT, an air and water-resistive barrier. Using other products, such as Dryvit's AquaFlash® System, ensured that there will be no moisture intrusion from window sill areas.

The significant dollars saved by using Dryvit products will compound rapidly over the typical 50 year life of the buildings and can be reinvested in technological upgrades, systematic and necessary maintenance, or in new projects. Maintenance is critical to a building's long term performance, but this type of work is often under budgeted or ignored completely, especially as building stewardship transfers from one owner to the next. Programmed reinvestment of dollars saved by reduced energy costs is a practical and cost effective method of ensuring a structure's long term efficacy.

For more information about Outsulation MD, or any of the systems and products sold by Dryvit Systems, Inc., call Dryvit Technical Services at 1-800-556-7752 or visit us on the web at www.dryvit.com.

