PROJECT PROFILE

MERIDIA VILLAGE COMMONS - THERMASHEATH®

PROJECT DESCRIPTION

Meridia Village Commons is a mixed-use development that will include outdoor public space, that could be used for fairs and other community events, ground floor space for retail and restaurants, and some units designated as mixed-use "live/work apartments." The development would include 106 apartments on five floors, which would be a combination of 1-, 2-, and 3-bedroom apartments and 123 underground parking spaces.

Rmax 2" Thermasheath was used to insulate the below-grade exterior concrete foundation wall as the basement will be fully heated/air conditioned. Thermasheath continuous polyiso rigid foam insulation is an effective way to reduce foundation energy loss and protect against moisture problems. It also offers a high R-value (R-13.1 at 2") and exceptional compressive strength.

ARCHITECT
Haley Donovan LLC

GENERAL CONTRACTOR
Capodagli Property Company LLC

INSTALLER
Capodagli Property Company LLC

Location: South Orange, New Jersey
Project Size: 10,000 sq. ft.
Insulation: 2" Thermasheath®
Timeline: December 2020 - In Progress

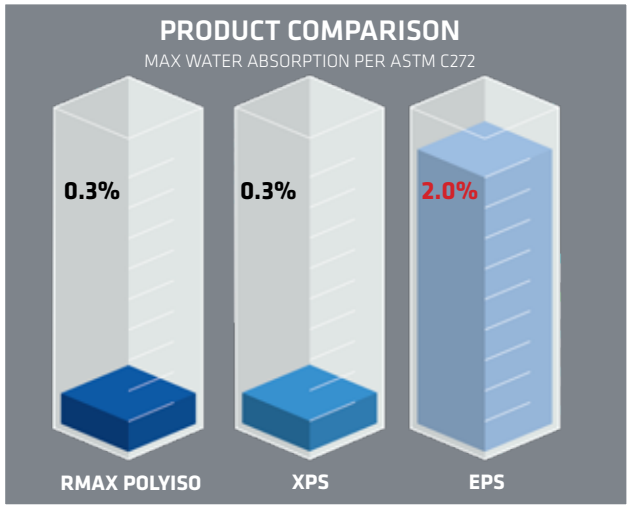
> **"Thermasheath® was easy to install, provided a great R-Value for the thickness and generally gets it more economically than XPS"**

HIGH PERFORMANCE POLYISO INSULATION

BELOW-GRADE EXTERIOR WALL SOLUTION

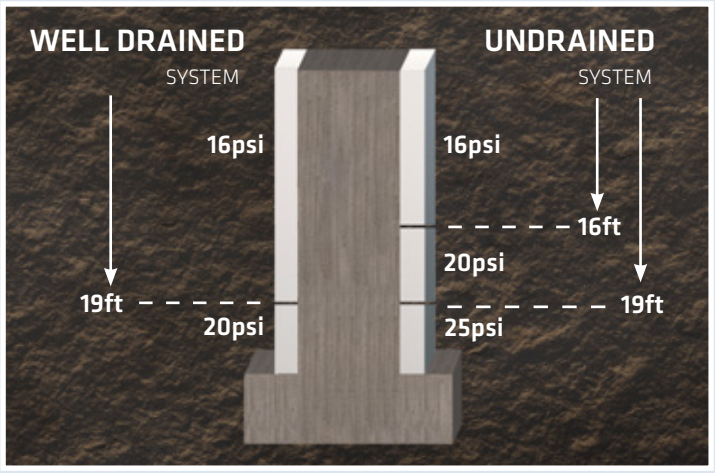
Polyiso, like XPS, outperforms EPS in water absorption testing.

ASTM C272 is the required method in ASHRAE 90.1 specifically for below-grade applications.



At standard 16psi, 20psi, and 25psi products we got you covered down to at least 20 feet below-grade. Higher compressive strengths are available upon request.

The image to left shows how deep insulation with various compressive strengths can be installed below-grade (125 pcf soil weight with ground water level 10 feet below-grade).



Rmax polyiso is a closed-cell foam that does not absorb water.

The facer sheds water and acts as a secondary barrier to the foam.

Rmax Thermasheath® has been tested for water absorption with facers intact, damaged, and removed and all perform equally.