

PROJECT PROFILE

RMAX ECOMAXCI® WALL SOLUTION

The Seven Hills School
Cincinnati, Ohio

BUILDING SMART. BUILDING FOR THE FUTURE.

Environmental Impact with ECOMAXci® Wall Solution.

ECOMAXci® Wall Solution eliminated the air barrier and gypsum, preventing the equivalent production of:

5,607,691 Plastic Straws or

428,224 Plastic Bags and

38,400 lbs of Gypsum

Sustainability and environmental impact estimates are based on materials per project sq. ft. of insulated coverage and modeling software (e.g. Athena).

PROJECT DESCRIPTION

Seven Hills School is a PreK-12 private school in Cincinnati, Ohio. The Seven Hills School is ranked by Niche.com as 2021 #1 Best Private College Prep High School in Greater Cincinnati and 2021 #1 Best Private K-12 School in Greater Cincinnati.

They are committed to developing learning experiences that inspire and excite students.

The renovations are intended to support the growing student population. The existing building is 31 years old and was constructed when enrollment was 160 students. Now with a student body of 255, the building requires upgrades.

The project will create three, grade-level common areas in the Middle School and increase the size of the Middle School from 22,950 square feet to 35,625 square feet. Existing classrooms and lab spaces will be renovated and doubled in size to promote flexible seating. The Innovation Lab will also double in size and have increased student capacity. The design, created by frequent HGC partner SHP, will support the exploratory approach to learning that The Seven Hills School is known for. It will place each grade strategically on similar floors. It will also create common gathering spaces for each grade, supporting the "community within a community" concept.

Ben Pedersen Territory Manager and Brad Gump with TRUFAST met with HGC superintendent and installers, along with John Dillon of LW Supply to answer questions and review installation best practices.

Rmax ECOMAXci® Wall Solution includes a thermally efficient continuous insulation board and Rmax branded tape and flashing. This solution has been tested in multiple NFPA 285 assemblies and is approved for use in exterior walls of buildings of any height.



RMAX ECOMAXci® Wall Solution for the Seven Hills Middle School project was seamless from start to finish. Thanks to Ben Pedersen for being available and on top of his game to get all the information we needed to get this job complete!
- John Dillon, LW Supply Cincinnati, OH

Assembly: Steel Stud Framing with ECOMAXci® Wall Solution
// LP FLAMEBoard // metal channels vertical and diagonal // James Hardie lap siding



TAKE ACTION.

Emissions being put into the atmosphere are causing significant and harmful effects on our communities, health, and climate. One step in reducing harmful emissions is by building with energy-efficient materials.

In addition to material and labor savings, ECOMAXci® Wall Solution eliminated approximately 50% of the negative environmental impact on this project by removing the air barrier and exterior gypsum.

Just Think - How much more can be saved by using ECOMAXci® Wall Solution on every building?

ENVIRONMENTAL impact categories*

74% Less Ozone Depletion Potential

64% Less Eutrophication Potential

38% Less Acidification Potential

33% Less Smog Potential

28% Less Non-Renewable Energy

26% Less Global Warming Potential

*Sustainability and environmental impact estimates are based on materials per project sq. ft. of insulated coverage and modeling software (e.g. Athena).

WHY RMAX ECOMAXCI® WALL SOLUTION

ECOMAXci® FR Air Barrier is installed continuously to reduce thermal bridging and block air and moisture. This wall solution is lightweight and easy to install, contributing to overall savings. Combined with Rmax tape and flashing, this solution has been tested to meet stringent fire code requirements and air and water barrier standards for the most effective, efficient building envelope design.

ARCHITECT

SHP

www.shp.com

GENERAL CONTRACTOR

HGC Construction

www.hgcconstruction.com

INSTALLER

HGC Construction

www.hgcconstruction.com

DISTRIBUTOR

L&W Supply

www.lwsupply.com



Location: Seattle, Washington

Products Used:

2.125" ECOMAXci® FR Ply,

5/8" CDXFR, 1.5" 70 pcs 14,400 sf ECOMAXci FR Air Barrier, Board
1.5 in x 4 ft x 8 ft, Bundle cont. 30 boards, 15 450.000 PAC

R-SEAL 3000, 6000 & 2000

Timeline: June 2021 -April 15, 2022



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