

# PROJECT PROFILE

## RMAX ECOMAXCI® WALL SOLUTION

Hamlin Robinson Middle School  
Seattle, Washington

## 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

Hamlin Robinson School has been at the forefront of serving students with dyslexia and other language-based learning differences for almost 40 years. The only non-profit school in Washington, and one of the few in the United States, dedicated to this learning community. Founded in 1983 by the Slingerland® Institute and the Robinson family, HRS has operated independently since the fall of 1986. HRS has grown from its first class of eleven children to a student body of 315+ in first through eighth grade.

Over 1,400 students have attended the school since its doors opened. After occupying four different locations, HRS moved to the North Beacon Hill location in June, 2015 and In 2019, HRS announced the purchase of the Oberto property along Rainier Avenue to the east of the school. In June of that year, the HRS Board of Trustees voted to build a new middle school with an expanded learning center on the property. The new building is scheduled to open for the 2022-23 school year.

The Architect on this project, NAC Architecture, used Rmax ECOMAXci® Wall Solution over the entire building envelope incorporating different claddings throughout. NAC has long been a strong proponent of Rmax and the ECOMAXci® Wall Solution. With offices in the US and China, NAC is a leader in School and Healthcare design.

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.

Assembly: Steel stud using Rmax ECOMAXci® Wall Solution with R-SEAL 2000 LF liquid flashing



*“With Rmax’s ECOMAXci® Wall Solution providing a full WRB and air barrier, we were able to attach directly to the framing and eliminate exterior gypsum and additional WRB. The cost savings was substantial.”*



# 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

NAC Architecture  
[www.nacarchitecture.com](http://www.nacarchitecture.com)

### GENERAL CONTRACTOR

EXXEL Pacific, Inc.  
[www.exxelpacific.com](http://www.exxelpacific.com)

### INSTALLER

Falcon Peak Construction, Inc.  
[www.falcon-peak.com](http://www.falcon-peak.com)

### DISTRIBUTOR

Service Partners/Apec Supply

Location: Seattle, Washington

Project Size: 33,000 sq . ft.

Insulation: 1.5" ECOMAXci® FR Air Barrier

Accessories: Rmax R-SEAL 2000 LF

Timeline: September 2021 - July 2022

