



# PROJECT PROFILE

UNIVERSITY OF CALIFORNIA, MERCED - ECOMAXCI® FR

## PROJECT DESCRIPTION

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The University of California, Merced 2020 project is the largest public-private partnership infrastructure project in U.S. history. Since completion, it has achieved numerous energy-saving and green building accolades, not the least of which was becoming the first public research university to achieve LEED Platinum certification in all 11 buildings and being the first to be considered carbon-neutral.

Rmax was proud to be asked by California Drywall Company to work with them and the design and construction team (including Webcor, SOM, WRNS Studio, HOK, Page Sutherland Page Architects, SGH Consultants, and others) to find an exterior insulation that could act not only as the thermal barrier, but could also be part of the air and weather resistive barrier. ECOMAXci® FR (formerly known as TSX-8500) was the answer the team found. As a bonus, the exterior gypsum originally in the plans and specifications was able to be value-engineered out of much of the job, saving the project team a significant amount of time, labor, and material while still meeting NFPA 285 requirements.

Rmax worked closely with L&W Supply to ensure California Drywall always had the necessary material at the fast-paced job site.

## RMAX ECOMAXCI® FR

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ECOMAXci® FR is manufactured with an embossed, glass fiber reinforced aluminum foil facers on both sides. The exposed side has a heavy 12mil facer, providing a strong and durable interior finish. ECOMAXci® FR is designed for flexibility in many exterior commercial wall designs.





## WHY RMAX ECOMAXCI® FR

ECOMAXci® FR is a superior insulation choice as it has been tested per NFPA 285 and successfully passes with the exposed side facing the exterior.

It is installed continuously to reduce thermal bridging and meets R-value requirements with a thinner profile. ECOMAXci® FR blocks air and moisture and is mold resistant per ASTM D3273.

### ARCHITECT

Research Laboratory Architect: Skidmore, Owings & Merrill LLP

Academic Classroom Architect: WRNS Studio

Student Life Facility Architect: HOK

Student Housing Architect: Page Southerland Page

### GENERAL CONTRACTOR

Webcor Builders, LP

### INSTALLER

California Drywall, Inc

Location: Merced, California

Project Size: 500,000 sq. ft.

Insulation: ECOMAXci® FR

Project Timeline: Spring 2017 - Fall 2020



5/8" interior gypsum over steel studs, fiberglass cavity insulation, ECOMAXci® FR, peel and stick WRB. (some areas include metal cladding and 7/8" 3-coat stucco)

"...it's always a pleasure working with Rmax on jobs. They respond in a timely manner when we had questions and always got their product out to us on time."

- Joe Haines, California Drywall  
Project Manager on UCM2020



BUILDING TRUST

