

BUILDING SMART. BUILDING FOR THE FUTURE.

Environmental Impact with ECOMAXci® Wall Solution.

PROJECT PROFILE

MCCADAMS ATHLETIC CENTER - ECOMAXCI® WALL SOLUTION

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

8,031,850 Plastic Straws or

613,341 Plastic Bags and

55,000 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

McCadams Athletic Center is a 25,000 sq. ft. indoor training facility for all sports at Lipscomb Academy. It includes a practice field with indoor turf, locker rooms, a team meeting room and conference room. It also has an outdoor terrace that overlooks the track and football field. The McCadams Athletic Center is named after the late Glen McCadams, longtime coach and Athletic Director at Lipscomb Academy.

Rmax provided the general contractor and installer with a mock-up of the ECOMAXci® Wall System including R-SEAL tape, flashing and fasteners. Rmax Sales Representative, Walt Stokes was on-hand to assist with the installation and answer any questions.

RMAX ECOMAXCI® WALL SOLUTION

ECOMAXci® Wall Solution, includes a thermally efficient continuous insulation board, along with 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.



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TAKE ACTION.

Emissions being put into the atmosphere are causing significant and harmful effects on our communities, our health and our 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 - all contributing to an overall savings. Combined with Rmax tape and flashing, this solution has been tested to meet stringent fire code requirements as well as air and water barrier standards for the most effective, efficient building envelope design.

ARCHITECT

Tuck Hinton Architects
www.tuck-hinton.com

GENERAL CONTRACTOR

Solomon Builders
www.solomonbuilders.com

INSTALLER

ABG Caulking and Waterproofing
www.abgcaulking.com

DISTRIBUTOR

HD Supply (White Cap)

Location: Nashville, Tennessee

Project Size: 22,000 sq.ft.

Insulation: 2" ECOMAXci® FR Air Barrier, 4'x12'

Accessories: Rmax R-SEAL 3000-4 and R-SEAL 6000-9

Timeline: March 2016 - May 2016



Steel stud framing with 2" ECOMAXci® FR Air Barrier attached directly to the studs. R-SEAL 3000-4 tape and R-SEAL 6000-9 flashing. The facade was a combination of stucco, brick veneer and ACM metal panels.

