Calacci Construction Company

Application

19,200 board feet of scored Foam-Control® PLUS+® 250 was used to insulate a high-performance building envelope on a commercial contractor’s new home office in Iowa City, Iowa.

Project Details

General contractors know that the true value of a building product must consider both the purchase cost and the long-term operational savings the product provides. Calacci Construction understands that a high-performance building envelope is one of the best investments any business can make and worked with their local supplier to evaluate high R-value wall insulation options.

ACH Foam Technologies’ Foam-Control® PLUS+® 250 architectural insulation was recommended as a cavity wall insulation for its high R-value to cost ratio along with its 50-year warranty and proven performance. Calacci appreciated that Foam-Control® Plus+®’s varied thicknesses allowed the walls to be planed out to interface with the brick and curtain wall connections. More than 60% of the entire exterior wall has an R-value of just over R-50 and Calacci estimates that along with their ground source heat pump the insulation contributes positively to a cost of just $0.03 per square foot a month to cool the building.