Fort Worth Data Center

Application

Foam-Control® 130 was used as an in-wall insulation for architectural precast wall panels for a new data center project in Fort Worth, Texas.

Project Details

ACH Foam Technologies provided precast panel manufacturer Enterprise Precast with Foam-Control® 130 insulation for a new $1 billion data center with more than 250,000 square feet of space in Fort Worth, Texas.

Since the precast panels are manufactured in a wide array of thicknesses and lengths, Enterprise required a similarly wide range of Foam-Control® insulation for their project. Working together, ACH Foam Technologies developed a detailed product numbering system for the various lengths, thicknesses, and densities of Foam-Control® insulation that Enterprise required. This organization allowed for quick and easy fabrication of the wall panels in a repeatable process with little waste.

Enterprise finds that EPS products are easier to use than comparable XPS materials. The slightly textured face of rigid EPS foam provides a grippable surface for the concrete to bond, creating a stronger seal between layers. Insulated pre-cast panels also provide a complete thermal break between the interior and exterior façade, making them a great way for architects to meet building codes, while supporting sustainability with a high-performance building envelope that works well in any climate.