



Eastern Hills Community Church, Aurora, Colorado

Precast concrete was chosen for Eastern Hills Community Church project for its versatility and the many benefits it offers. The precast panels also provide a low maintenance facade that will retain its excellent condition and attractive appearance throughout the life of the structure. Multiple finishes, brick patterns, and two-color panels create unique and dramatic architectural details.

The project consists of 129 precast insulated composite wall panels utilized in the new religious facility's sanctuary, classroom wing, Welcome Center, youth room, and gymnasium. The 13'-4" wide module panels range in height from 35'-0" to 46'-7". These prestressed concrete panels include a four-inch core of insulation for maximum energy efficiency.

The exterior of the structure is clad in two colors of thin set brick. The brick pieces provide over 24,000 square feet of exterior coverage. The remaining wall panel area was painted with textured paint after erection.

Project Facts:

Market Segment:	Religious
Building Type:	Church
Products Used:	Insulated composite wall panels
Finishes Used:	Thin brick, textured paint



Project Design Team:

Owner:	Eastern Hills Community Church, Aurora, CO
General Contractor:	Fransen Pittman General Contractors, Englewood, CO
Engineer of Record:	Martin/Martin Consulting Engineers, Lakewood, CO



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Approximately half of the structure's 55,076 square foot exterior was clad in two colors of thin set brick. 160,200 pieces of brick provided 24,000 square feet of coverage. The remaining wall panel area was painted with textured paint after erection.



The versatile wall panels can be given a wide variety of finishes. A blue and biscuit colored paint treatment was applied to the form side of the Welcome Center's wall panels. The reveal pattern is an extension of the pattern used on many of the exterior surfaces and unifies the interior and exterior of the structure.



A paint treatment was also chosen for the Sanctuary. As the insulated wall panels provide excellent sound attenuation, events can be held in the Sanctuary without disturbing concurrent activities in adjacent spaces.



A most adaptable material, precast concrete accommodates the use of other building materials to create a cohesive appearance. At the main entrance, the brick pattern and painted surface of the panels easily incorporated the elements used for the canopy and its support structure.

