

PROJECT PROFILE

Santa Barbara, CA

MOTOR CONTROLS BUILDING

Housing large 450-hp variable speed drives at a desalination plant for the city of Santa Barbara, this 12x12x10.5-foot DuraFiber® building from Orenco Composites™ was designed to protect equipment from the salty coastal climate while overcoming infrastructure constraints. The engineer, Kennedy Jenks, specified that no internal anchoring points be included because the building needed to sit on an existing concrete slab and foundation of the same dimensions. Also, due to the large-scale electrical equipment housed inside, the building needed to be completely removable and rely solely on external connections. So, Orenco's designers implemented a custom method to attach the building to the slab and foundation: They embedded steel beams in three sides of the building and used steel plates for a secure connection. External attachment pockets on the front side allowed for additional anchoring.



DURAFIBER BUILDINGS

- SINGLE-PIECE, CLOSED-MOLDED FIBERGLASS CONSTRUCTION
- INTEGRAL FOAM-CORE INSULATION IN WALLS AND ROOF
- NO WOOD EMBEDDED IN THE STRUCTURE



LEADERS IN FIBERGLASS MANUFACTURING



FEATURES

- 12 feet wide, 12 feet long, 10.5 feet high
- External anchoring points
- Load center
- Interior storage compartment
- Interior and exterior lighting

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Call (844) 795-9568 or visit orenocomposites.com for more information