

PROJECT FACTS & HIGHLIGHTS

- The first Net-Zero Insulated Concrete Form School in the United States
- Designed to use only 18 kBtu/sq. ft. - annually 75% less than the ASHRAE 90.1 design standard for elementary school
- Utilized NUDURA forms for sound resistance in the gymnasium, cafeteria, music media center and between classrooms
- NUDURA forms allowed the building to be constructed quickly during winter and other inclement weather
- Other key aspects utilized in this project include; solar panels, daylighting, Geothermal HVAC with CO² monitoring, sunshade devices, motion sensors, Energy Star - rated kitchen and efficient operation and maintenance plan

PROJECT DETAILS

TYPE OF BUILDING: Educational Facility

SIZE OF PROJECT: 72,285 sq. ft.

LOCATION OF PROJECT: Bowling Green Kentucky

ICF SYSTEM USED: NUDURA

