

# NUDURA Project Profile



Alvaton Elementary - Bowling Green, Kentucky USA

## FAST FACTS

- Energy efficiency and conservation are top priority of the school district. As a result, numerous building systems and sustainable architecture concepts were evaluated and incorporated in the school.
- These include:
  - Sandwich panel metal roof system, achieving an R-30 insulation value
  - Geothermal heat pump system
  - Lighting and HVAC occupancy sensors.
  - Green building finishes
  - Natural day lighting.
- Two story K – Grade 5 elementary school with upper and lower class-room wings totaling 77,000 sq. ft. This project utilized NUDURA<sup>®</sup> 12" on the gymnasium and 8" Forms on the core area of the building.



## PROJECT STATISTICS

**Location:**

Bowling Green, Kentucky USA

**Type:**

Educational

**Size:**

77,000 sq ft

## CONSTRUCTION TEAM

**General Contractor:**

D.W. Wilburn

**Architect:**

Sherman Carter Barnhart

**ICF System:**

NUDURA Inc.

“When the building of Alvaton began it was in one of the wettest springs seasons on record. The project fell behind and if it wasn't for the use of ICF, the project could not have been completed by the start of the fall semester. The NUDURA forms allowed the project to consistently run ahead of schedule.”

- Sherman Carter Barnhart

