



PROJECT PROFILE

Castlen Steel

Fertilizer Storage

LOCATION

Owensboro, KY

SIZE

Two buildings: a 108 ft x 350 ft building with a 50 ft x 221 ft lean-to and a 108 ft x 280 ft building with a 50 ft x 149 ft lean-to (158,000 total sq ft)

SITE PARAMETERS

15 psf ground snow load, 105 mph wind load, exposure C, seismic zone D

FRAME + FABRIC

All steel frame members coated with EpoxxiShield™ COR Elite; white and gray ExxoTec™ Elite PVC fabric cladding

VENTILATION + DOORS

Passive ventilation through 18-in mesh soffits, white ARV-2000 roof vents, and eight black mesh endwall vents; each building has two 16-ft x 14-ft coil overhead doors and two standard walk doors

ADDITIONAL FEATURES

Foundation is a combination of 1-ft piers and 2-ft cast-in-place walls for the lean-tos; buildings have been designed and engineered for conveyor and catwalk loads

INSTALLATION SERVICES

Installed by Legacy crews

