

FEED PRODUCTS

CASE STUDY

 **BULK STORAGE
APPLICATIONS**



FEED PRODUCTS & SERVICE is a supplier of animal feed products with multiple locations across North America. When business growth led to the expansion of their Madison, Illinois, location, they added a fabric structure to store and distribute bulk feed.

“Most of the buildings we use are concrete structures with a fabric roof,” said Otis Robinson, plant manager of at the Madison location. After visiting a Legacy building and noticing the natural light and durability of the fabric walls, Robinson contacted Legacy to design, manufacture and install a building with fabric on the walls and roof along with precast concrete storage bins.

BUILDING NAME

Feed Products

OWNER

**Feed Products + Service
Company**

LOCATION

Madison, IL

MARKET SECTOR

Bulk Storage

APPLICATION

Feed Storage

SIZE

120' x 460' + 40' x 190' lean-to

SPECIAL FEATURES

HDG, Sliding steel bin gates

INSTALLATION

Legacy in-house crews





Feed Products has several buildings onsite, and their experience with different building materials made fabric the preferred choice. “We’ve had everything from floods to hail to high winds, and the fabric lasts for us,” said Robinson, adding that similar steel buildings have been damaged by hail and required expensive and time-consuming repairs. “The fabric buildings are easy to repair with patch tape, and that’s a benefit for us.”

The design experience of the Legacy team and the versatility of the buildings was another reason Feed Products chose Legacy. “The salesman recommended one big building rather than two smaller ones,” said Robinson. “That will allow us more floor space for new products, and it just made sense.”

Product comes into the building via barge and is offloaded to trucks. The freespan area of the building, along with an attached conveyor, will simplify the filling and loading process. “When a barge comes in, it’s 1,500 tons of product at a pop,” said Robinson. “We have had to use trucks with loaders before, and this will be more efficient.”

The new building has storage space for 40,000 tons of bulk materials, divided into three concrete bays with overhead lift gates. The conveyor is suspended from the building frame, extending from the barge receiving area and accessible to all three bins.

Legacy handled the process from designing the building to manufacturing components to installation. “The design process was really smooth,” said Robinson. “And the installation was very good. The crews arrived on time and did everything. They stayed with the job and did a thorough walk-through at the end.” Robinson added that the construction cost was lower than anticipated.

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“This building will help from an efficiency standpoint,” said Robinson. “Eventually we will be able to take advantage of the savings that come with buying large quantities of product.”