

# PAUL MEYER CHEMICALS

## CASE STUDY

 **BULK STORAGE APPLICATIONS**



### LOCATION

**Walcott, IA**

### SIZE

**84 ft x 120 ft (10,080 sq ft)**

### MARKET SECTOR

**Bulk Storage**

### APPLICATION

**Fertilizer Storage**

### SPECIAL FEATURES

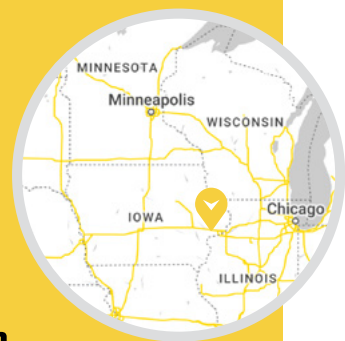
**EpoxxiShield™ COR  
Elite frame finishing;  
550-lb/ft conveyor load;  
1,700-ton total capacity**

### INSTALLATION

**Legacy in-house crews**

**PAUL MEYER CHEMICALS** was established in the 1980s in Walcott, IA, and provides Midwest farmers with chemicals, fertilizer, and seed. Paul Meyer Chemicals has continued to grow over the years and needed a new bulk fertilizer storage building due to increased consumer demand.

Knowing that spring is a crucial time for farmers, Paul Meyer Chemicals was looking for a building provider that could not only work with their schedule, but also be completed and ready in time for spring planting. Having heard of Legacy Building Solutions through the agricultural network and knowing many other establishments working with Legacy led Brad Meyer of Paul Meyer Chemicals to connect with Paul Smith, Building and Design Consultant at Legacy who specializes in bulk commodity and fertilizer storage.





“This was our first time working with a fabric building manufacturer and fabric building, but when researching a building partner that could fit our building needs and building timeframe, Legacy was the one that was brought to our attention,” said Brad Meyer.

While building timeframe was of the essence, a few other features intrigued Brad and the company. The building did not require insulation, and Paul Meyer Chemicals features a white fabric roof, allowing plenty of natural light to filter in. Legacy’s white fabric has twelve percent translucency, which means facilities like Paul Meyer Chemicals can benefit from a brighter working environment while reducing lighting costs.

Additionally, since working with fertilizer, corrosion protection was an absolute must. Legacy’s proprietary epoxy coating, EpoxxiShield™, creates a protective barrier between corrosive materials, like fertilizer, and the building frames, extending the life of the building, and that added protection is what Paul Meyer Chemicals was looking for. Since fertilizer corrodes nearly everything it touches, they chose Legacy’s COR Elite package, the highest version of EpoxxiShield™, for maximum protection.

Another perk for Paul Meyer Chemicals is Legacy’s ability to customize the building. “In collaborating with Brad, it was brought to our attention that we needed to design and engineer the building around new equipment, which is not at all rare in the fertilizer industry. With Legacy, we have that ability and are proud to accommodate our clients’ building needs,” said Smith.

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This structure was completed in the spring of 2021 and is a 10,080 square foot (84 ft x 120 ft) facility. It is set to withstand wind speeds up to 105 mph and 30 psf ground snow load. The building is clad in Legacy’s ExxoTec™ Elite fabric. The building frames were engineered to support a 550-lb/ft drag conveyor system, and the building has a 1,700-ton capacity.