



CASE STUDY: South Central FS

A Natural Light Haven

Vandalia, Illinois

Executive Summary

South Central FS was looking for a cost-effective way to store large volumes of bulk macro and micro-nutrients of dry fertilizer prills. They required a structure with a long lifespan that would be able to withstand the harsh affect of the ammonia from the fertilizer. The building and roofing needed to be made from materials that would not react with the fertilizer.

South Central FS is an agricultural, member-owned cooperative that provides agronomy, fuels and lubricants, propane, argi-finance, livestock feed, crop protection, and fertilizer.

Calhoun's Solution

South Central FS chose to have a Calhoun building installed due to the numerous benefits it offered. Calhoun's Super Shield rubberized coating spray applied to all trusses and concrete walls, in combination with the hot dip galvanized trusses, was a huge selling feature to South Central, as the life expectancy of the building drastically increases. In addition to the affordability, the wealth of natural light from the polyethylene fabric roof, created a bright, airy environment for South Central's employees.

Project Profile

Size:

288' x 120' VP Series with 16' centres

Site Parameters:

20 psf snow load & 90 mph wind speed

Fabric:

White PE, Non-FR Keder Panel

Mount:

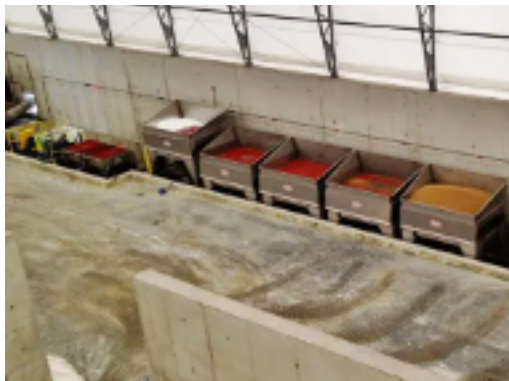
14' steel legs

Additional Information:

Both ends closed. One end with two 16' x 16' door openings.

"We love the natural light and were satisfied with the value of the building. Also impressive was the timeliness of the project."

- South Central FS (a GrowMark affiliate)



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