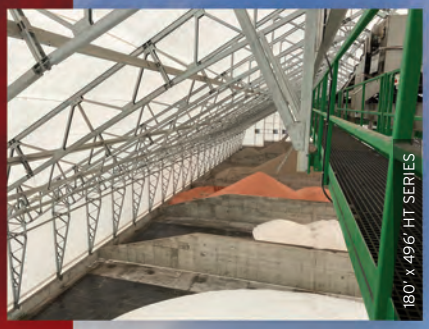
CALHOUN

OUR STRENGTH IS IN OUR STRUCTURE



I FERTILIZER I

calhounsuperstructure.com

OUR STRENGTH IS IN OUR STRUCTURE

We design and engineer fabric structures site-specific to your unique location. Critical to the performance and reliability of your building. Essential to the longevity of your investment.

ENGINEERED TO LAST

Our highly trained engineers, designers, and detailers have spent years building the strongest and safest structures available for the fertilizer industry.

CORROSION RESISTANT

Calhoun's fabric buildings are built with hot-dip galvanized steel frames to resist rust and corrosion from caustic environments like fertilizer. Applied to both interior and exterior surfaces, our galvanization meets established industry standards to improve the longevity of your structure and reduce maintenance costs.

FREE SPAN INTERIOR

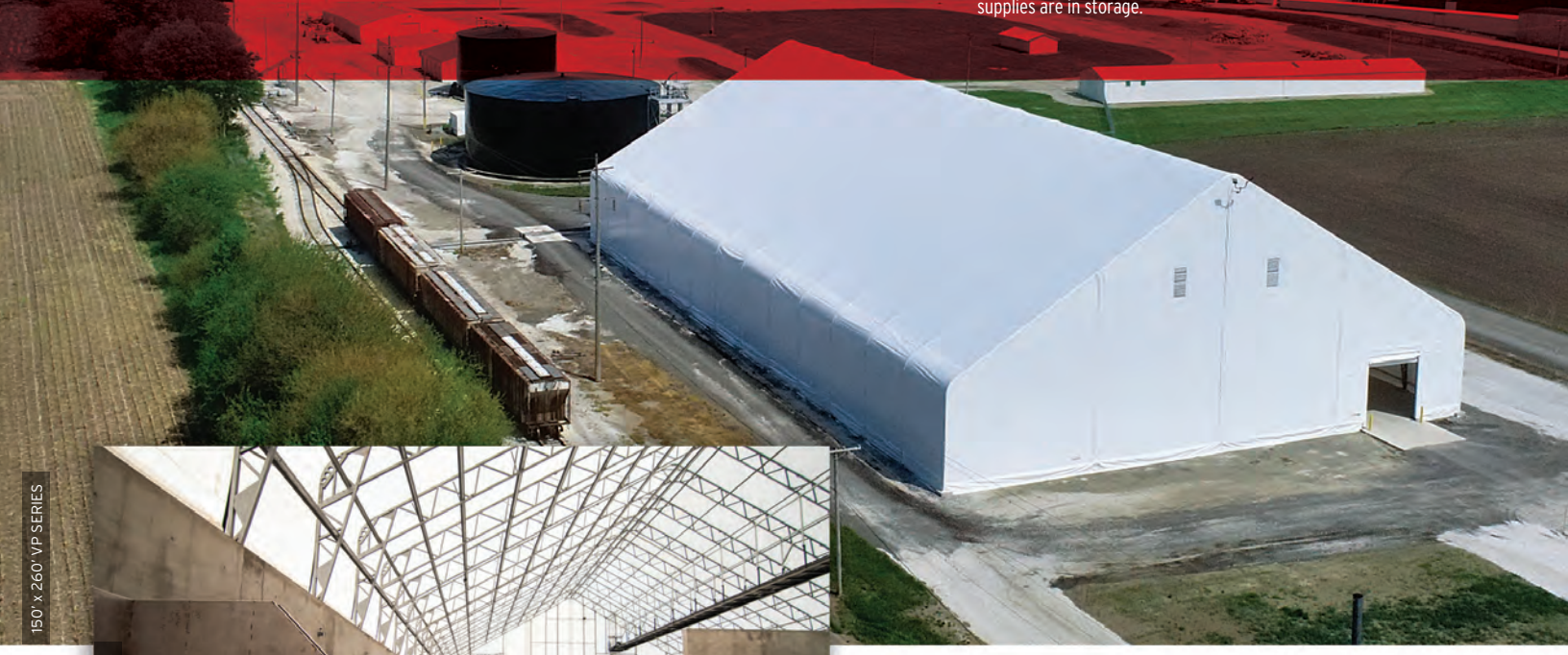
Calhoun's fabric structures provide clear span interiors, critical to your fertilizer operation. The height and free span interior of our fabric buildings have no interior columns, allowing tipping trucks to maneuver without interference.

SUPERIOR VENTILATION

Our fertilizer storage solutions are designed for maximum airflow and odor control, creating an optimal environment for your applications. The thermally non-conductive fabric helps keep the temperature steady, maintaining a drier environment and preventing moisture buildup while your supplies are in storage.

SAFETY FIRST

Our completely engineered, naturally lit structures keep your employees safe while they work. Whatever your fertilizer operation, you can rest assured your commodities are protected.



150' x 260' VP SERIES

140' x 300' VP SERIES

OUR DEALER NETWORK

Our trusted dealer network spans North America and beyond, providing local expertise to support your project from quote to install. From initial ideation to warranty submission and post-install service, they are with you throughout the entire process.

25 YEAR WARRANTY

Like shingles on a roof, years of wear and tear from the elements will require you to repair or replace the fabric. While the steel framework in a fabric building can last generations, it is an industry-standard expectation that the fabric cover will eventually need to be replaced.

Calhoun Super Structure is proudly backed by our own proprietary industry-leading 25-year warranty through our Elite FR and Non-FR fabric. For our standard FR and Non-FR fabric, we offer a 15-year warranty on every building kit including the steel framework.

WE UNDERSTAND FABRIC

What sets Calhoun apart is our specialized analysis that models how fabric behaves under load. Using nonlinear finite element analysis, we accurately assess environmental forces on your structure - never relying on assumptions or treating fabric like rigid steel.

Our fabric is made of engineered high-density polyethylene (HDPE) fabric, known for its high strength-to-density ratio. HDPE fabric is treated with ultraviolet stabilizers to protect it from UV rays and other harsh weather conditions.. This prevents the fabric membranes from weakening or breaking down, adding years to life for your fabric cover.

Available colours:

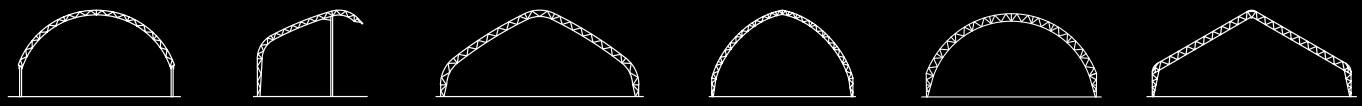
We also offer two fabric cover installation options depending on the size and budget of your structure: Bag Cover System (standard for CC, SE, GB Series), or Keder Panel System (standard for HT, CC+, VP Series).

When Keder Panel System is used, our Rubber Gasket Protection System is used between the aluminum keder track and hot-dip frame to prevent corrosion and wear. Calhoun is the only company that offers this level of detail and protection on their fabric covers.

Key Features:

- Can exceed 150 mph winds
- Can exceed 300 lbs per square foot snow load
- Up to 16% translucency on Non-FR fabric and 19% translucency on FR fabric
- The first Membrane Structure Fabric in the world to achieve Cradle to Cradle (C2C) Bronze Level Certification, through one of our fabric partners, NovaShield.

AVAILABLE PROFILES



CC Series *22'-72' Wide*

SE Series *30'-62' Wide*

GB Series *32'-72' Wide*

HT Series *50'-82' Wide*

CC+ Series *80'-100' Wide*

VP Series *50'-250' Wide*

OUR PROCESS

Investing in a fabric structure doesn't happen everyday. Here's how Calhoun makes it easy.

1. Connect With Us

However you choose to connect with us, simply tell us what you need. It helps if you have an idea of approximate size and mount style, and whether you require ends or not. We'll take care of the rest!

2. We Assess The Details

Once we have an idea of what you need, Calhoun Super Structure digs deeper into your specific request including custom dimensions, fabric options, window and door options, ventilation systems, and any other particulars such as insulation liners.

3. Final Quote

We put all the pieces together and send you a proposal for your project. If you wish to obtain fabric samples, we can do that too! Once you approve, our engineers get to work.

4. Site-Specific Review

Here is where we employ or unique 3D Nonlinear FEA site-specific review to build you the strongest, most reliable fabric building for your specific location. This ensures structural integrity of your fabric building.

5. Fabrication & Shipping

Once the steel framework has been hot-dip galvanized and the fabric produced, your new fabric building is ready to go. Shipping times can vary depending on the size and scope of your project, but generally your fabric structure can be manufactured and delivered in less time than a conventional building.

6. Installing Your Calhoun Super Structure

Calhoun Super Structure offers end-to-end service to install your new fabric building. If you wish to install the fabric building yourself, that is okay too. We can guide you through the process.

7. Post-Installation Service

Your new fabric structure should be assessed with a maintenance check after the first six months and then every year thereafter. Should you need a repair or re-cover down the road, we do that too.

CALHOUN

APPLICATIONS

Fertilizer Production Facility

Fertilizer Storage

And More!

SCAN TO VISIT WEBSITE

NEED A RECOVER?

Whether you have an existing Calhoun fabric structure or another brand of fabric structure, Calhoun has the expertise, materials, and tools necessary to recover your fabric building.

No matter the level of damage, repair, building application, size, or brand, Calhoun offers full-service fabric structure recovers in-house, and installation through our extensive dealer network.

DESIGN | CUSTOM-ENGINEERING | SITE-SPECIFIC ANALYSIS | MANUFACTURING | INSTALLATION | PROJECT MANAGEMENT | REPAIRS & RECOVERS | ADD-ONS & EXTENSIONS

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cwbregistration CWB CERTIFIED CSA A660

AWS CWF CERTIFIED WELDING FABRICATOR