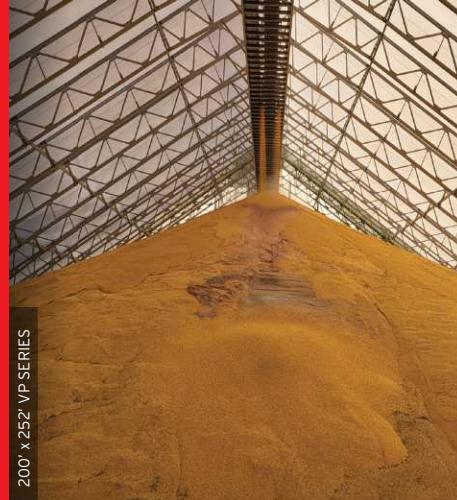


CALHOUN

FLAT GRAIN



OUR STRENGTH IS IN OUR STRUCTURE

calhouneurope.eu | +36-1-999-8546



200' x 432' VP SERIES

OUR STRENGTH IS IN OUR STRUCTURE

We design and engineer our 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 fabric covers are made from high-density HDPE fabric, and our steel frame is hot-dipped galvanized to ensure durability and longevity. You can have confidence that you'll get long-term performance from our facilities to protect your agricultural assets.



CORROSION RESISTANT

Calhoun's flat grain buildings protect your assets from the damaging effects of snow, rain and UV rays causing rust, by hot dip galvanizing our steel. Applied to both interior and exterior surfaces, our galvanization meets established industry standards to improve the longevity of your commodity and reduce maintenance costs.



CLEAR SPAN INTERIOR

Calhoun's flat grain storage buildings provide clear span interiors, critical to your operation in the agriculture industry. The height and free span interior of our fabric buildings have no interior columns, allowing for easy access to your commodity and convenient handling of your equipment.



SUPERIOR VENTILATION

Our flat grain storage solutions are designed for maximum airflow and odor control, creating an optimal environment for your applications. Our fabrics allow increased air circulation and help keep the temperature steady inside the building, maintaining a drier environment. Preventing moisture buildup enables you to avoid mold and bacteria growth while your supplies are in storage.



SAFETY FIRST

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

DEALER NETWORK

Our strength is within our extensive dealer network with representation across North America to locally serve you.

Our dealers can help you design and build the right building solution to meet your unique needs.

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

Calhoun is unique in that we have developed specialized analysis which models the shape of fabric under load. By accurately determining various environmental loads that are applied to your structure, we use a nonlinear analysis. Calhoun's approach ensures the optimal design of the steel framework is determined for your building.

Our fabric is produced to withstand harsh weather conditions and treated with ultraviolet stabilizers to protect it from the sun's UV rays. 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 or Keder Panel System.

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, TRIUS Build RPE.



AVAILABLE PROFILES



CC Series
16'-72' Wide



SE Series
20'-30' Wide



GB Series
32'-62' Wide



HT Series
50'-82' Wide



CC+ Series
80'-100' Wide



VP Series
40'-250' Wide

OUR PROCESS

We realize that investing in a fabric structure doesn't happen everyday. Here's how Calhoun makes it easy for you.

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 our 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 recover down the road, we do that too.



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

APPLICATIONS

Flat Grain Production Facility

Flat Grain Storage

Commodity Storage

And More!



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 recoveries in-house, and installation through our extensive dealer network.

