



Case Study

CUSTOMER NAME: Bloom Lake Iron Ore Mine
BUILDING SIZE & SERIES: 100' x 160' Apex Building Series on container foundation
BUILDING USE: Maintenance facility
AUTHORIZED DEALER: Corner Cast Construction Inc. and Vertical Building Solutions

Bloom Lake Iron Ore Mine

Britespan Authorized Dealers, Corner Cast Construction and Vertical Building Solutions, worked with Bloom Lake iron ore mine in Fermont, Quebec to engineer and construct a hybrid building solution for Cliffs Natural Resources.

The Bloom Lake structure was built as a temporary truck shop that required 40' x 40' doors and an interior of 100' x 160' to accommodate Caterpillar 797 and Komatsu 730E trucks. Working together, Corner Cast and Vertical modified and installed 36 containers for this project that were used as locker rooms, lunchrooms, offices, washrooms and mechanical rooms. The containers on each side added 28 feet of width.



The advantage of using the containers as a foundation for the structure was that the customer didn't have to purchase a wider building to achieve the height they required.

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The advantage of using the containers as a foundation for the structure was that the customer didn't have to purchase a wider building to achieve the height they required. There was limited land space for the structure, so the ability to construct a building with the height they needed made this a unique project.

The Corten steel shipping containers were trucked to Bloom Lake and rest on a compacted gravel pad. Once the containers arrived on site they were sealed together to make a series of smaller rooms connected to open space. The steel trusses were assembled and the synthetic fabric was placed atop them to enclose the structure. Finally, the insulation, lighting, heating, doors and steel cladding were installed. Total construction time on site was two months.

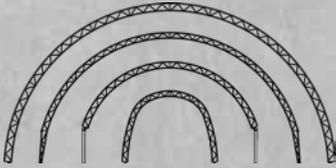
**For more information, call us at
1.800.407.5846 or visit us online.
britespanbuildings.com**



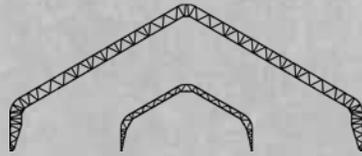
Building Series

Britespan has been in the fabric building industry since 1994, offering the widest product line available today. We design, engineer and manufacture each product line in-house.

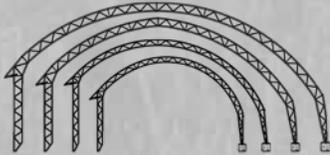
Our structures are engineered to be portable, temporary or permanent, with rapid installs even in remote areas.



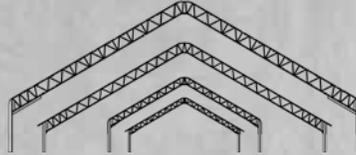
Atlas Series
24' - 108' wide



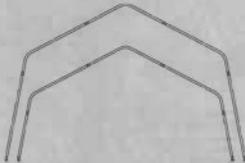
Genesis Series
80' - 200' wide



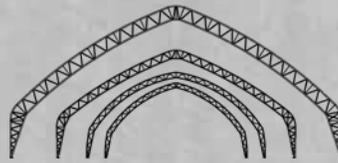
Easy Access Series
38' - 67' wide



Epic Series
80' - 120' wide



Accent Series
26' - 32' wide



Apex Series
53' - 100' wide



Rigid Beam Series
Up to 300' wide

Custom eaves, heights and slopes available

Custom Fabric Colours Available

Contact us for details on our full line of colour options or to request fabric samples.

Why Britespan?



HOT DIP GALVANIZING

Post-weld hot dip galvanizing bonds to steel to provide lifelong corrosion resistance from the inside out.



VENTILATION

Large volumes of interior air space give you superior air quality and ventilation.



CLEARSPAN INTERIOR

With no interior columns, movement throughout the interior is easy for vehicles and equipment.



LIGHT

Naturally bright interiors create comfortable environments and help reduce energy costs.



QUALITY

Constructed from quality North American steel and engineered to comply with the most current building codes.



RETURN ON INVESTMENT

Our structures provide large, bright, secure spaces with reduced operating and maintenance costs.

Britespan buildings can be added onto existing Cover-All Buildings

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