



## Case Study

**CUSTOMER NAME:** AMC Mosaic Esterhazy K3 Mine  
**BUILDING SIZE & SERIES:** 65' x 120' Atlas Building Series  
**BUILDING USE:** Cold storage  
**AUTHORIZED DEALER:** Vertical Building Solutions

# AMC Mosaic Esterhazy K3 Mine

Mosaic Esterhazy K3 mine, part of Associated Mining Construction Incorporated (AMC) is located approximately four kilometers east of the town of Esterhazy, and is an expansion of Mosaic's potash mining operations at the Esterhazy site. The K3 mine is the largest potash mine in the world with an annual capacity of 5.3 million tons. The expansion project of the new Greenfield K3 mining complex at Esterhazy has added an additional 1 million tons to their annual output.



**“The fabric covered buildings offered by Britespan was not only the most cost effective solution, but they were able to install the buildings quickly, within the short timeframe that we required.”**

Mosaic Esterhazy K3 mine, part of Associated Mining Construction Incorporated (AMC) is located approximately four kilometers east of the town of Esterhazy, and is an expansion of Mosaic’s potash mining operations at the Esterhazy site.

The K3 mine is the largest potash mine in the world with an annual capacity of 5.3 million tons. The expansion project of the new Greenfield K3 mining complex at Esterhazy has added an additional 1 million tons to their annual output.

The K3 complex is comprised of two 20-foot diameter shafts sunk to a depth of approximately 3,700 feet below collar together with the necessary service shaft headframe and hoists, ventilation circuits and the associated surface infrastructure.

The K3 complex has a 65’ x 120’ Atlas building series that is used for cold storage. “We needed a cold storage facility. The fabric covered buildings offered by Britespan was not only the most cost effective solution, but they were able to install the buildings quickly, within the short timeframe that we required,” said Adam Klein, Corporate Purchasing Coordinator for AMC. “We were also able to fasten the buildings to a two-row concrete block foundation, making them temporary and portable structures. This was important because we wanted to flexibility to use the buildings at multiple sites.”

The building was constructed on a foundation of concrete blocks two rows high, for a total height of 5’. The original tender and bid specified a foundation of helical piles. After a site inspection, however, Vertical Building Solutions determined the hard ground rock was not conducive for the original foundation type. In addition, the customers wanted the structure to be portable, so the concrete block foundation was the best option for their overall requirements.

“Our Britespan Authorized Dealer really understood our industry, and what our needs were in a building. All of our questions were always answered, and again everything was so timely, which was important.”

Total construction time for this project was two weeks.

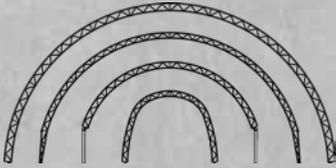
**For more information, call us at  
1.800.407.5846 or visit us online.  
[britespanbuildings.com](http://britespanbuildings.com)**



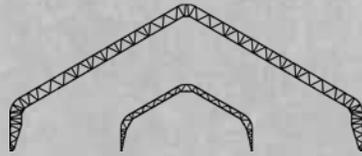
# Building Series

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.

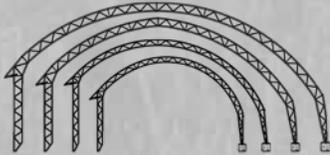
Our structures are engineered to be portable, temporary or permanent, with rapid installs even in remote areas.



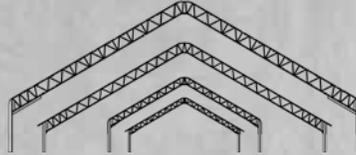
**Atlas Series**  
24' - 108' wide



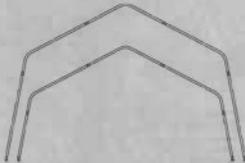
**Genesis Series**  
80' - 200' wide



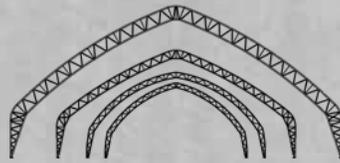
**Easy Access Series**  
38' - 67' wide



**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

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

**britespanbuildings.com**

