



## PROJECT PROFILE

# WOODVILLE FARMS



### PROJECT DESCRIPTION

Woodville Farms built an additional cold storage facility to house their fast-growing agriculture business. Temperature control is crucial to maintain optimal storage conditions. Effective insulation minimizes heat transfer facilitating the desired environmental control of the storage area.

Woodville Farms chose spray foam insulation for its superior thermal and moisture performance characteristics as well as the sustainability aspects of spray foam insulation.

### STRUCTURE FEATURES



Interior and Exterior Clad and Ridged Insulation



New Construction:  
Agriculture Cold Storage Facility



9000 sq.ft.  
1 Story 18ft Walls



QUIK-SHIELD® 112UE Closed-Cell Foam



Woodville, Ontario Canada



#### CONTRACTOR

Barkey Construction

#### INSTALLER

Stevens Insulation



### PRODUCT INSTALLED

Stevens Insulation installed QUIK-SHIELD® 112UE closed-cell spray foam insulation. It was applied to the interior and exterior to seal the building envelope, combat thermal bridging, provides a seamless air barrier and meets the specified insulation requirements.

### APPLICATION CHALLENGES

Spray foam-in-place insulation effectively expands to get in all the “nooks and crannies” which is key to maintaining a continuous thermal envelope and eliminate thermal bridging. The efficiency and ease of the spray foam application assisted in achieving this goal and the project was completed in a timely manner.

### SPRAY FOAM BENEFITS

Spray polyurethane foam forms a seamless, vapor tight envelope to limit the transfer of cold and hot air. It is the most cost-effective insulation for cold storage as well as other environment critical facilities. Spray polyurethane foam is a high-performance, all-in-one thermal, moisture, and air barrier. Additionally, the ability to expand to seal gaps and conform to almost any space or shape made the decision for spray polyurethane foam an easy one.