

# CASE STUDY

## Academy Roofing



**CATEGORY:**  
Construction

**LOCATION:**  
Melbourne, Victoria

**PRODUCT:**  
COLORBOND® steel

## Markets Relocation a Marathon not a Sprint

**The relocation of Melbourne's wholesale fruit and vegetable market on a new site at Epping in the city's north began in 2009, but the size of the undertaking means it will not be fully operational until 2014.**

Melbourne's Wholesale Fruit and Vegetable Market and National Flower Centre currently located on Footscray Road in West Melbourne will form the core of the new precinct, surrounded by businesses that improve and develop the transportation, handling and marketing of fresh produce.

Relocating the market will free up the existing Footscray Road site for port and rail development over the next 20 years and is also expected to provide substantial economic benefits to the state through a more efficient market precinct.

As it is fully developed over the next 10-20 years, the new market precinct incorporating the market's core trading facility, warehousing, distribution centres and value-added business is expected to drive over \$1 billion of investment on the site.

**Colorbond®**



Long before the first fruit and vegetables arrive however, it has been building products made by BlueScope Steel, which dominate the site.

Over 110,000 square metres of roof cladding made from COLORBOND® steel, more than 4,000 tonnes of structural, RHS and pipe steel and nearly 1,000 tonnes of purlins are contributing to construction of the produce hub.

Bovis Lend Lease is the design and construction contractor for the project which is expected to cost more than \$600 million.

Alfasi Steel Construction fabricated 2,121 tonnes of structural steel supplied by BlueScope Distribution, together with 1,955 tonnes of RHS and pipe steel.

Structural processing including drilling and cutting was carried out at BlueScope Distribution's Westall branch which also assisted Alfasi with nesting solutions.

Nearly 140,000 lineal metres of purlins were roll formed by Melbourne's Metalform Structures, using almost one thousand tonnes of steel provided by BlueScope Steel, making it one of the industry's largest single purlin orders in nearly five years.

Metalform Structures, a business unit of Lysaght Building Solutions, is a specialist purlin supplier with skilled estimating staff and fast production turn-around times geared to supply even the largest commercial construction projects.

Academy Roofing is also one of the largest contractors in its field, with a history of successfully completed projects which includes DFO Cairns, Gibson Island Water Treatment Plant in Brisbane, Christmas Island Immigration Centre, Narellan Town Centre in NSW and the Altona Sports Centre in Victoria.

The company began work to install over 110,000 square metres of LYSAGHT® KLIP-LOK 700 HI-STRENGTH® wide cover, concealed fix cladding in March 2011 and only recently closed its site office – although it is still returning for additional work.

"During most of that time we've had a crew of at least 18 onsite, rising to 25 when needed," Academy Roofing director Wayne Lee said.

"As the building program has progressed we've moved into newly completed areas, contacted BlueScope Lysaght and ordered a truckload of roofing sheets, sometimes at very short notice.

"It has involved a lot of co-ordination, but BlueScope Lysaght have been fantastic. They bent over backwards to accommodate us on a project where so far we've had 40 or more deliveries."

Academy Roofing installed the LYSAGHT KLIP-LOK 700 HI-STRENGTH® cladding in standard COLORBOND® steel colours Surfist® and Evening Haze®, as well as the custom colour Market Red.

The Market Red colour was developed especially for the project, to highlight the 16 large entrances to the complex's trading floor area.

The trading floor will provide access to all areas including undercover loading and unloading bays immediately adjacent.

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