

# Saint Francis Xavier Catholic Primary School



Project	Saint Francis Xavier Catholic Primary School
Location	Runaway Bay, Goldcoast
Product Roof	KS1000 RW
Product Wall	KS1000 MM (Mini-micro rib) and KS1000 EB (Eurobox)
Architect	Peddle Thorp Architects
Builder	Walton Constructions
Installer	Metal Line Roofing

## Case Study

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## CASE STUDY

Situated at Runaway Bay on the Gold Coast Kingspan was used for both the walls and roof of the school Activity Centre. The building of the new \$1.4m facility was part of the schools program to extend the learning environments in ways that were both flexible and inspirational.



The new Activity Centre is a large 350m<sup>2</sup> hall with stage facilities and a dividing wall that changes the space into 2 multipurpose teaching areas. For the cladding, Kingspan's Architectural Wall Panel system provided the solution combining Mini-micro (KS1000 MM) and Eurobox (KS1000 EB) profiles in Colorbond Surfmist and Dune. For the roof Kingspan's trapezoidal insulated roof panel was utilized. Both the roof and wall panels were supplied 100mm thick providing R Values of 5.15 for the walls and 5.35 for the roof.

Project Architect Caroline Yuen of Peddle Thorp comments: "We wanted a panel system that would be fast to erect and had reasonable acoustic and insulation properties. Kingspan was chosen for these reasons as well as to meet a requirement for a fairly low roof pitch of 2 degrees. The canopy needed to be as flat as possible because of an overhang from an adjoining building. Kingspan was ideal for this. Comparable products we initially looked at could only achieve a 5 degree pitch."

She continues: "The insulation properties were recognised immediately, the electrician even commented that he could hardly feel the heat working directly underneath the roof on a really hot day. From an acoustic perspective the panels performed well in diminishing noise, especially as some of the spaces have been divided into separate classrooms. Aesthetically, Kingspan panels created a very contemporary clean building with a strong architectural look. The minimization of purlin requirements because of the span of the panels is a distinct advantage."



Builder of the project, Director of Walton Constructions Rob Ellis comments: "The Kingspan panels were quick and easy to install, so the risk of injury on site was minimized. Our use of different colours worked well which gave a modern look to the building. I thought it ideal for school halls'.

Mario Hirst of Metal Line Roofing, who was responsible for the panel installation, comments, "The product fitted together well and we were well supported by Kingspan when dealing with tricky situations on site. I found it satisfying to look back after a days work to see the results of a high quality product installed.'

Kingspan reserve the right to amend product specifications without prior notice. The information, technical details and fixings advice are given in good faith but are intended as a guide only. For further information please contact Kingspan Insulated Panels.

**For more details contact Kingspan:**

Kingspan Insulated Panels Pty Limited

**Tel** 02 9673 5069 **Fax** 02 9673 5068

**Email** [info@kingspanpanels.com.au](mailto:info@kingspanpanels.com.au)

[www.kingspan.com.au](http://www.kingspan.com.au)

  
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