

TRINITY GRAMMAR SCHOOL ENVIRONMENTAL & FIELD STUDIES CENTRE



PROJECT SPECIFICS:

1,400 M² LYSAGHT LONGLINE 305® IN ZINCALUME® STEEL

3,100 M² LYSAGHT LONGLINE 305® IN COLORBOND® STEEL COLOUR WOODLAND GREY®

THE PROJECT

In line with Trinity Grammar School's vision for building first-class learning environments in which students can discover and develop their innate skills and talents, the school undertakes innovative projects which vastly increase its ability to provide the best possible educational environments.

One such project has been the Trinity Grammar Environmental Field Studies Centre at Woollamia, just south of Nowra on the NSW south coast.

Comprising an education facility including classrooms, laboratories, student and teacher accommodation for up to 88 students and 10 staff, plus an outdoor field studies area, the new Environmental Field Studies Centre provides a unique and exciting opportunity for Year 7 and Year 8 Geography to be taught offsite.

The facility also enables the Year 9 Environmental Field Studies Programme to use geographical tools and skills in the world around them to develop knowledge, understanding, communication, research, analysis, and group work skills.

THE SOLUTION

LYSAGHT LONGLINE 305® cladding was specified by the architects for both the aesthetics and the durable performance of the thicker 0.7BMT material.

The two Living Room buildings and the main central Longhouse block utilised LYSAGHT LONGLINE 305® cladding in ZINCALUME® steel as roofing, creating a central focal feature and perfectly complementing the bush setting and stone, timber and glass elements of the Longhouse.

On the two Accommodation blocks at the rear of the Living Room buildings, LYSAGHT LONGLINE 305® in COLORBOND® steel colour Woodland Grey® was chosen for both the roof and outer wall systems. Unusually, the roofs transitioned directly to the walls, as the buildings employ a gutterless design where the water flows to the ground and is collected in a perimeter spoon drain system.

THE PROCESS

Lysaght Batemans Bay were chosen to supply the LYSAGHT LONGLINE 305® cladding to site, due to their experience working in partnership with Bay & Coast Metal Roofing on many other previous projects involving LYSAGHT LONGLINE 305® cladding.

With the site, and the buildings, being quite extensive, careful attention was paid to the logistics of delivery by Lysaght who ensured the correct sheeting loads were co-ordinated and placed at the appropriate site locations to assist Bay & Coast Metal Roofing in simplifying the cladding process.

Lysaght Bateman's Bay also custom manufactured the specially designed flashings required for the project, ensured all material was delivered on time to meet the builder's and roofer's needs, and also maintained an onsite presence as required to ensure a quality product was provided.

LYSAGHT LONGLINE 305® STEEL CLADDING

A favourite with architects, this distinctive and dramatic profile adds visual interest to large areas by casting evolving shadows which change the look of the roof throughout daylight hours.

For even greater design freedom and aesthetic interest, LYSAGHT LONGLINE 305® cladding can also

be fluted and tapered to create strong lines radiating out from a central design point across the expanse of the roofing structure.

The product is manufactured from 0.7mm ZINCALUME® steel or COLORBOND® steel and has a standard cover width of 305mm. Strong and durable, the water carrying properties of concealed-fixed LYSAGHT LONGLINE 305® cladding makes it suitable for roofing applications with a pitch as low as one degree.

The specially designed concealed-fix system not only maintains the clean, attractive lines of LYSAGHT LONGLINE 305® cladding but also allows for thermal expansion, while the absence of screw penetrations eliminates the potential for water ingress over time.