



Look Book

Educational Buildings with Perforated Metal




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Project Look Book

From tight budgets to the need for sustainable, durable, and high-quality materials, school tenders for new educational buildings can be complex and challenging – but increasing numbers of specifiers and contractors are achieving top marks thanks to an old-school solution: Perforated metal.



Since all schools are different and each project must reflect the unique needs of students, teachers, and the community, perforated metal is the ideal material for projects requiring a non-uniform yet cost-effective design approach.

Through pattern and hole customisation, perforated metal can be tailored to create distinctive, functional, and flexible educational spaces. Create large-scale logo signage, classroom screens, passive ventilation, or sun-shading, using the same versatile and 100% recyclable product.

Discover how perforated metal meets the unique challenges and strict requirements of public and private educational buildings, transforming schools into innovative, top-tier learning environments.

Thuringowa State High School, QLD

School's new multipurpose Hall makes a big impact thanks to the huge custom perforated metal sign across the front. We perforated aluminium panels with the school's name, logo, and motto, plus the school House logos and large illustrations of the mascots – a Red Belly, Bowerbird, Goana, and Glider.



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the project...*





Pittwater House, NSW

The task was to modernise the buildings without disrupting student learning. Perforated metal was the right answer, colourfully covering the dated brick classrooms and creating new outdoor learning balconies and connecting galleries.

The innovative use of perforated metal at Pittwater House shows its versatility as a quick, impactful, yet cost-effective solution to modernise old educational buildings.



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the project...*





Oxford Falls Grammar, NSW

The new building required a student-friendly sun-shading solution plus bridge and staircase panels. For the sun-shading facade, we punched 3m-long aluminium panels in pattern 234 to maximise sun and heat protection without compromising natural light and outlook.

The same panel specification was installed on the bridge and stairs for a cohesive scheme, with some panels curved to match the building form and school traffic flow. All panels were finished in Dulux Duratec 'Desert Satin' to match the school colours.



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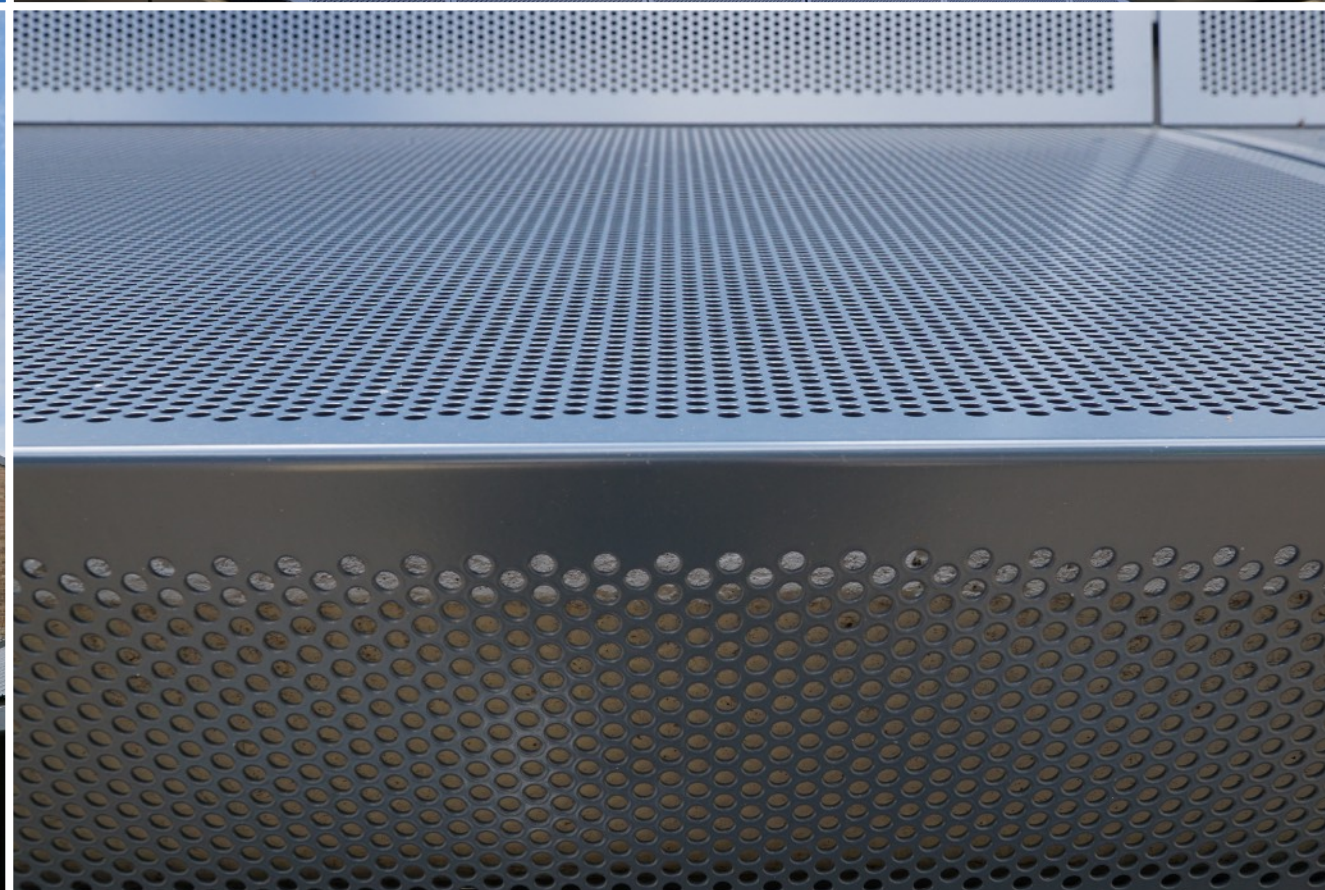
Sydney Secondary College, NSW

Sydney Secondary College in Balmain needed a budget-friendly solution to cover old concrete walls.

We manufactured over 330 perforated 3mm aluminium panels to bring the school up-to-date and provide weather resistance due to the school's proximity to the Parramatta River. The complex project required 14 different panel specifications to meet the brief, including custom-made colour coating to provide an extended warranty of 25 years.



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the project...*





Canterbury South Public School, NSW

Students are warm in Winter and cool in Summer thanks to a sustainable gold-coloured perforated facade that's tailored to solar movement. We perforated panels in different patterns to either deflect or absorb the sun's rays.

For the sunny north elevation, we used a mixed-hole pattern and small open area percentage for maximum protection without compromising natural light. Whilst on the shady west elevation, we used a classic round hole design with double the open area percentage for more light and warmth.



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About Arrow Metal



Established in 1994, Arrow Metal is one of the most trusted specialist manufacturers and suppliers of perforated metal and woven wire mesh products in Australia.

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