

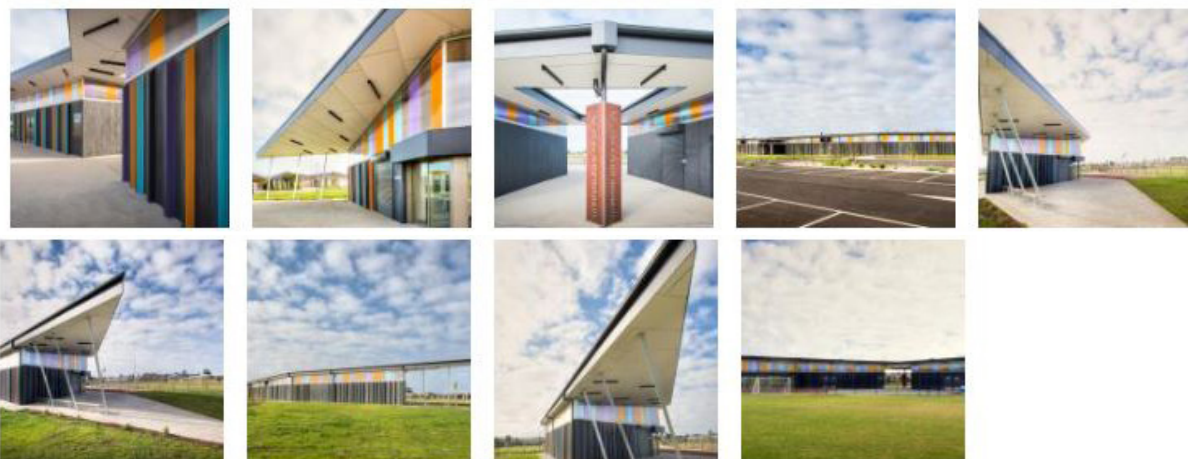
Architecture
Civil
engineering

The design of the sports pavilion from the Australian studio k2o is based on the color and shape of the wings of a hummingbird



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The architectural office k2o, based in Melbourne, Australia, has designed a new sports facility with universal use for a wide range of sports activities. The pavilion is characterized by a fresh, unique design with an emphasis on easy maintenance and sustainability of the materials used.



i	Atelier	k2o Architecture
	Continent	Australia
	Earth	Australia
	City	Tarneit
	Implementation date	2017

HUMMINGBIRD'S SPORTS PAVILION

The architects' initial effort was to create an unusual appearance of an otherwise purely purpose-built building. The hummingbird's wings served the authors as inspiration for the shape of the building and the appearance of the facades. The appearance of the building was determined by the name of the project itself. The sports pavilion consists of two wings connected by a central part allowing passage to the outdoor sports ground. Both wings together form an obtuse angle in the plan and height plane so that the total mass of the object evokes the shape of the bird's wings. The overhanging roof narrows on the sides of the building similarly to a bird's wing and thus optically reduces the total mass of the pavilion.

A sports club in the suburbs of Melbourne was built in just ten months. In addition to the clubhouse, kitchen, warehouses and public toilets, it also includes an adjacent car park and surrounding landscaping. All materials used in this project have been selected for their durability and other sustainable properties.



CONTRAST OF COLORED TILES AND EXPOSED CONCRETE

The color of the rainbow bird wings was inscribed in the design of the pavilion in the form of prefabricated panels. Their smooth colored surfaces contrast with the structural surface of the concrete walls. Thanks to the RECKLI elastic matrices used, they have an unusual bamboo look. To achieve the desired design, the architects chose one of 250 standard matrices, the [2/31 Iller](#) structure .



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