



Ebbw Vale Sports Centre

Booth Muirie has supplied its innovative rainscreen cladding to a state-of-the-art sports centre in Ebbw Vale. Booth Muirie's rainscreen system, manufactured from white and lemon ALUCOBOND® aluminium composite material (ACM) provides a bright and aesthetically pleasing façade to the exterior of the £15 million development. Situated on The Works, an old steel plant, the new sports centre took 18 months to complete and boasts a 25m pool, dance studio, eight badminton court sports hall, gym and both grass and artificial turf pitches.

As part of the £350 million regeneration scheme in South Wales, the sports centre provides a focal point for community activities and the Blaenau Gwent Council, along with the architects felt Booth Muirie's modern and vibrantly finished rainscreen would allow it to stand out as such.

The complex is built to serve the wider community with the hope of drawing more people into the Ebbw Vale area to take advantage of the high tech facilities. Completed both on time and on budget, it was essential the sports centre looked as attractive and fresh on the outside to reflect the quality of the interior design and equipment.

Booth Muirie has a long-standing history of supplying rainscreen cladding with the most modern rainscreen technology to a wide range of international projects. Using modern CAD software and a highly experienced design team, Booth Muirie designs and manufactures fully ventilated rainscreens for even the most individual of designs.

The innovative rainscreens allow the control of airflow via fully pressurised and compartmentalised systems on high performance multi-storey developments, while similar products are produced to perform to the same high standard on low-rise structures that do not require such pressure equalisation.



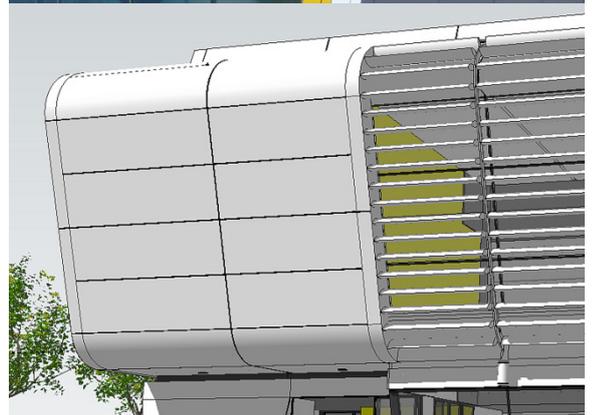
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Architectural Cladding Systems

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SPECIFICATION

Location	Ebbw Vale
Architect	Blaennau Gwent Council
Main Contractor	Wilmott Dixon
Installer	Prater
System	BML120 & BML200
Material	Alucobond
Colours	White & Lemon



NEW COLOURFUL SPORTS CENTRE BREATHES LIFE INTO OLD STEEL

Ebbw Vale Sports Centre

Location
Ebbw Vale, South Wales

Architect
Blaennau Gwent Council

Installer
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Wilmot Dixon

BML Rainscreen Systems

Booth Muirie was chosen to supply the BML200 rainscreen system for the majority of cladding on the new sports centre, with BML120 to straight areas and BML120A for the curves of the building. All of the rainscreen panels were applied using recessed discreet fixings which help to maximise the visual impact of the façade. A total of over 1100m² of rainscreen systems were used in the scheme. The white and lemon finish was created using ALUCOBOND® material, a World leading ACM that allows for greater freedom of design and individuality by offering a range of solid, metallic and special-effect colours.

Design Architect at Blaenau Gwent Council, Simon Jennings, commented, "From my perspective as Design Architect the aesthetics was a key priority. I required a sleek, high quality, modern, almost mechanical finish. Alucobond was a product that could meet those requirements. It was also flexible in terms of detailing. I am extremely happy with the result, it has achieved everything I expected".

The BML200 rainscreen system comprised of a series of panels that are fixed to the pre-engineered vertical rails making it suitable for portrait and landscape vertical wall cladding, soffit fascia and column applications. Wind load calculations can be provided with the BML200 system to ensure it meets all building standards, such as Standard BS specification and CWCT standards.

The BML120 is Booth Muirie's most utilised rainscreen system that features a mechanically-fixed open joint rainscreen system, most suited for landscape style façades. It consists of a series of panels that use a tongue-and-groove jointing method that are fixed through the top horizontal edge extrusion into the pre-engineered vertical rails. As the panels can be removed and replaced independently it entails minimal disruption as well as allowing for a quick and easy installation process.

ALUCOBOND® carries BBA certification and consists of two 0.5mm thick aluminium skins that sandwich a 3mm core, making ALUCOBOND® very lightweight, rigid and flat compared to solid aluminium and other materials. Proving the most popular aluminium composite material (ACM) in the world since 1969, ALUCOBOND® is available in lengths of up to 6200mm and widths of 1000mm, 1250mm and 1500mm while the standard width is 4mm.

Kate Prater, Marketing Director at Praters, commented, "Having worked with Booth Muirie on various construction projects we have first-hand experience of installing their rainscreen products. Their technical expertise ensures all projects are individually considered to create innovative designs that achieve all environmental requirements and a high quality and durable finish to any building envelope. Praters would confidently specify Booth Muirie on future projects."



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