



Neath Sports Centre

WATERPROOFING: Airtile

PROJECT SIZE: 2,100m²

PROJECT LOCATION: Neath

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**ALUMASC
ROOFING**

Neath Sports Centre

Project Overview

Located in the heart of Neath Port Talbot County Borough in Wales, Neath Sports Centre plays a vital role in supporting education, culture, arts and heritage across the local region. The well-used facility includes eight sports halls, a health and fitness studio, a gym, extensive changing facilities, playing fields and an Astro Turf pitch. A licensed bar is also open to the general public, ensuring the building remains busy all day and into the evening.

With such diverse and popular facilities under one roof, the integrity of the building envelope is critical. When issues of water ingress began to impact operations, a comprehensive roofing refurbishment was commissioned to safeguard the long-term performance of the centre.

Client Brief

The original tiled roof had reached the end of its serviceable life and water ingress was posing a clear risk to both the fabric of the structure, and the day-to-day running of the facility. Debris and vegetation had also accumulated in the gutters over the years, blocking drainage routes and placing additional strain on roof edges and rainwater goods.

In addition to the main roofing solution, the brief also included clearance and replacement of the gutters and a number of cracked fascias.

A key challenge was that the building needed to remain fully operational throughout the works. With the gym, bar, changing rooms and sports halls in constant use, the specified system had to allow for quick and straightforward installation. Considerate planning of transport, access and logistics, was essential to minimise disruption to staff and visitors, whilst maintaining a safe working environment across this busy public site.

Solution

Alumasc Roofing carried out a detailed roof survey to ascertain the condition and performance of the existing roof structure. In total, approximately 2100m² of Alumasc Airtile was installed by Alumasc's Registered Installer, MA Hartley Roofing Contractors of Swansea.

Alumasc Airtile is a lightweight, low maintenance metal roofing system designed to mimic the appearance of traditional slate. Five tile profiles are available in a variety of colours to suit any architectural building style.

Airtile Slate in Bramble Brown was installed to the main roof area at Neath Sports Centre, with a 0.9mm batten gauge providing excellent vandal resistance.

The Airtile range features a coating of natural stone granules which ages in the same way as traditional sand faced or textured tiles. An anti-fungal agent is mixed into the coatings to minimise the growth of lichen, algae and moss.

Whilst some moss growth is to be expected dependent on roof pitch and location, unlike traditional roofs, this will have



no adverse effect on the Airtile system.

Airtile is 100% recyclable, BBA approved (Certificate No. 02/3917), ISO 14001 certified, and manufactured using ISO 9001 approved materials. It is fire resistant to AA classification: equal to traditional roof tiles and slates. Due to the system's quick installation times, it is commonly specified for public and educational buildings, commercial buildings and community centres, where daily operations need to continue throughout the works.

The Neath Sports Centre roof is backed by Alumasc's 40-year warranty against weather penetration.

As part of the roof refurbishment, gutters and downpipes were upgraded using an Alumasc Aluminium Rainwater system, providing a durable and corrosion-resistant solution aligned with the lifecycle expectations of the new roof. Air conditioning units, lightning conductors and aerials were temporarily removed to facilitate the works, with intricate detailing carried out around the existing flat roof areas to ensure performance continuity and long-term watertightness.

Collaboration

Alumasc's technical teams are accustomed to working closely alongside their nationwide network of Registered Installers, to give every project the best chance of success.

At Neath Sports Centre, our well-established relationship with MA Hartley Roofing Contractors enabled efficient scheduling and disciplined site management from the outset. Through coordinated planning and clear communication, our teams delivered a robust, future-proof roofing solution while allowing Neath Sports Centre to continue serving the local community without interruption.