

MERCIA ACADEMY - MULTI-SPORTS FACILITY

Mercia Academy aimed to enhance its sports facilities by constructing a new multi-sports hall, selecting J & J Carter to partner with Reds10 Modular Ltd for the project. The goal was to create a versatile space to accommodate various sporting activities for students.



KEY CHALLENGES

The primary challenge was to design a facility that would meet the diverse needs of students while ensuring safety and compliance with sporting regulations. The structure is needed to provide optimal functionality, comfort, and protection during physical activities.

OUR SOLUTION

We deployed our Hampshire Structures 18m x 30m Sports Hall, featuring a double-layer PVC [Thermo Roof System](#) and 40cm [UPVC solid walling](#) for superior insulation and durability. The structure has been designed to be compliant to LTA (Lawn

Tennis Association) regulations.

In partnership with our supply chain, we added a large roller shutter goods door and two personnel doors for ease of access. To ensure a comfortable environment, we were also contracted for the installation of the electrics, heating, and lighting.

SAFETY FEATURES

The installation of impact protection pads on every internal column throughout the facility, are specifically designed to absorb and disperse energy in the event of an accidental collision, minimising the risk of injury.

Additionally, the interior space has been enhanced with blue drapes, which serve a dual purpose. They not only improve the aesthetics of the environment but are also essential for various internal sports activities. These drapes have received full compliance approval from the Lawn Tennis Association, ensuring they meet all necessary standards for safety and functionality in sports settings.