

Base71**Barnsley Youth Zone**

611m² installation of a BRoof T4 certified synthetic grass Muga

The Scheme

Base71 is a new, state-of-the-art facility designed to give young people in Barnsley a safe, inspiring, and affordable place to spend their free time. As part of the project, a rooftop Multi-Use Games Area (MUGA) was incorporated to make the most of available space while offering users a safe and engaging environment for sport and recreation.

**The Solution**

The rooftop MUGA was engineered to create a versatile, all-weather sports and recreation space for students, maximising the use of available roof space while maintaining the highest standards of safety and performance.

The pitch construction comprised 30mm thk synthetic grass with sand infill on 30mm prefabricated shockpad on 85mm SelSports units on 2/6mm gravel regulating layer, laid on a WASP geotextile which was placed directly on the roof insulation panels. Ball stop fencing and roof netting formed part of the package of works.

This construction provided a lightweight highly efficient permeable all weather playing surface.

Key Figures

Installation Area 611m²

SELSports Units: 2,444no.

Attenuation Volume: 49m³

Key Contacts

Client: Onside Youth Zones

Main Contractor: Triton Construction

Date: 2025

Contact Us

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