

Transforming Scottish Indoor Tennis

CASE STUDY

Nottingham Trent University

Description

A lightweight fabric and timber glulam structure, this new facility (opened in April 2017) has 4 indoor acrylic tennis courts, LED lighting and a dehumidifier to ensure the internal environment is fit for play all year round. The playing space is unheated, although local radiant panel heaters provide some comfort to the spectating area off the main entrance.

An enclosed office area is also provided and there is a large store and plant room.

No changing or toilet facilities were provided as these are located in an adjacent building.

The new facility was procured by the University and built on top of existing outdoor tennis courts with the construction programme taking around 6 months to complete on site.



Project Cost

Circa. £1.2M

supplied by SMC2

As with all projects, the cost reflects site specific conditions and the accommodation provided.

Address of facility

Nottingham Trent University
Clifton Campus
Nottingham
NG11 8NS

Project Contact

Mr David Wyatt
Sports Facilities Manager
T: 0115 848 3953
E: david.wyatt@ntu.ac.uk

Transforming Scottish Indoor Tennis

CASE STUDY

sportscotland Inverclyde

Description

This steel framed fabric structure was built in June 2014 and is an indoor 3G pitch facility at the National Centre in North Ayrshire. Measuring 67m x 50m x 4m, the building also has toilet facilities and an access corridor/viewing space pitch side.

The steel frame structure is within the building envelope with the lower walls being clad in metal cladding for robustness. The space has natural ventilation with fans on the gable walls.

While this is an artificial grass surface, similar enclosures for tennis have been delivered.



Project Cost

Circa. £1.6M

including toilet block – supplied by Collinson

The area of this facility is larger than required for tennis with a more expensive playing surface. There were also extensive groundworks required on this site.

Address of facility

sportscotland National Sports Training Centre
Burnside Road
Largs, North Ayrshire
KA30 8RW

Project Contact

Mr Graeme Crawford
Facilities & Estates Manager
T: 01475 674 666
E: graeme.crawford@
sportscotland.org.uk

Transforming Scottish Indoor Tennis

CASE STUDY

Ellesmere College

Description

This steel framed fabric structure was built in 2017 and is an indoor tennis centre at Ellesmere College. The 71m x 38m hall has 4x acrylic tennis courts and 4m training area.

The sides and gable walls of the centre are tensioned fabric and can open manually when the weather allows. The hall is naturally ventilated and has LED lights. It is unheated but the school has plans to introduce some localised heating on the courts above the base line.



Project Cost

Circa. £1.1M

for the 4-court hall only –
supplied by Rocklyn.

Modular changing and an
office overlooking the tennis
hall was added as a second
phase.

Address of facility

Ellesmere College
Shropshire
SY12 9AB

Project Contact

Mr Stephen Welti,
Director of Tennis
T: 07801 305267
E: stephen.welti@ellesmere.com

Transforming Scottish Indoor Tennis

CASE STUDY

St Andrew's University

Description

This traditional steel framed structure is currently under construction and will provide 4 indoor acrylic tennis courts and spectator accommodation on the University's existing campus as part of their £14 redevelopment of the Sports Centre.

The new tennis facilities are designed to be accessible with lift access to the upper level viewing gallery.

The roof covering is steel sheeting with rooflights and the walls are clad in brick and insulated metal cladding panels. The Hall has underfloor heating, LED lighting and natural ventilation.

Changing and toilets are provided in the adjacent Sports Centre.



Project Cost

Circa. £2.5M

Traditional construction is more expensive than lightweight framed fabric construction but offers a construction with building materials with a longer life cycle replacement requirement.

Address of facility

University of St Andrew's Sports Centre
St Leonard's Rd
St Andrews, KY16 9DY

Project Contact

Mr Stephen Stewart
Director of Sport
T: 01334 462190
E: scs11@st-andrews.ac.uk