

South West College

Enniskillen, Northern Ireland



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South West College

Enniskillen, Northern Ireland

Delivering N.Ireland’s First Passivhaus Plus College

The £29m South West College in Enniskillen, designed by Hamilton Architects LLP and built by Tracey Brothers Ltd, is the first building in Ireland to be designed to Passivhaus Premium Plus standard, delivering an average project façade u-value of 0.8w/m2K. The 8,000sqm education and community facility is situated on the prime site of the former Erne Hospital and won the 2021 BREEAM Official Public Sector Project - Design Stage Award.

Metal Technology Ltd assisted approved fabricator and installer, D & K Architectural Systems Ltd, with thermal modelling of the screens and interfaces to ensure the façade’s systems complied with the stringent design requirements, using triple-glazed System 17 Curtain Walling, System 4-35Hi+ Thermal Casement Windows, System 5-35Hi+ Thermal Tilt & Turn Windows, System 5-20DHi+ Thermal Heavy Duty Doors and System 22 Brise Soleil.

A challenging and rewarding project for all involved, we’re extremely proud to have played a key part in bringing this state-of-the-art, carbon zero building to life - an exemplar in sustainable innovation and design.

Client

South West College

Architect

Hamilton Architects LLP

Main Contractor

Tracey Brothers Ltd

Systems Used

- System 17
- Curtain Walling
- System 4-35Hi+ Thermal Casement Windows
- System 5-35Hi+ Thermal Tilt & Turn Windows
- System 5-20DHi+ Thermal Heavy Duty Doors
- System 22 Brise Soleil

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