



## Case study

### The University of Hull Student Accommodation

**Product** XPS 300 Grade  
**Area** 4000m<sup>2</sup> Floor insulation



Sundolitt XPS (extruded polystyrene) was the preferred choice of floor insulation for new student accommodation at the University of Hull. Approximately 4000m<sup>2</sup> of XPS 300 grade was installed on the project, supplied through building materials distributor, MKM in Hull.

A specification requirement of the new accommodation was to raise the height of the build. Sundolitt's XPS boards provided not only high thermal performance that contributed to a U value for the floor of 0.11W/m<sup>2</sup>K, but the necessary water resistance. With the ability to withstand extreme loads, the boards were installed in layers to a thickness of 270mm, to raise the height of the ground floor.



Sundolitt worked closely with MKM, supporting with expertise in material selection and technical specification. The company also ensured its manufacturing processes were aligned to allow fast response to the needs of the project and ensure stock availability.

The project is already providing prestigious new accommodation and state-of-the-art facilities for 562 students, spread over a series of five-storey blocks. Located at the northern end of the University of Hull's Cottingham Road campus, the development represents the latest investment in the University's campus master-plan.

Offering high thermal performance, Sundolitt's XPS withstands extreme loads making the material well suited for use in structures where there are strict requirements for solid flooring and foundations. Light in weight, it also offers minimal water absorption, has a long service life and is easy to handle and install.

*"We needed to source a high performance and water resistant insulation with thermal performance and strength capabilities for this project and Sundolitt's XPS was the ideal solution. We worked closely with Sundolitt's technical and operations teams to ensure that product specifications and stock availability matched our requirements for this important scheme."*

#### XPS Benefits



**Load bearing**



**Thermal performance**



**Water resistant**



**Lightweight**



**Versatile**



**ODP = 0 : GWP < 5**

**Sundolitt Ltd**  
Head Office, Suite A2,  
Stirling Agricultural Centre,  
Stirling FK9 4RN

**Tel** +44 (0)1786 471586  
**Fax** +44 (0)1786 464825  
**Email** enquiriesuk@sundolitt.com  
**Web** www.sundolitt.co.uk

**Manufacturers of XPS and EPS  
load-bearing thermal insulation**