



Case study



Climate Floor – University EcoCampus

Product Climate CE100

Application Ground Floor Insulation - 7000m²

Located in Hamilton International Technology Park is the University of the West of Scotland's Lanarkshire Campus.

This Campus was created to provide an inspiring educational environment. Powered by 100% renewable energy and designed to minimise the environmental impact during construction and in use.

The insulation of the structure was key to creating this carbon neutral Campus. With the best insulation in place energy required for heating and cooling is reduced maintaining a comfortable indoor environment.

Sundolitt Climate CE100 was chosen for the floor insulation. With its excellent thermal performance at only 90mm thick it was able to meet the design requirement. It is also able to withstand the higher floor loading encountered in educational buildings such as this.

Climate is our thermally enhanced grey expanded polystyrene (EPS) insulation. With lambda at 0.030 W/mK it is the most cost effective, efficient thermal insulation.

Climate EPS is resilient against the effects of ground moisture and long term loading. It will not lose its excellent thermal or strength properties, continuing to perform over the lifetime of the building.

Climate EPS is also very lightweight and easy to install. Easily cut to fit with no special requirements for PPE when handling.

Achieving the highest environmental rating of A+ in the BRE Green Guide Climate EPS also offers the lowest environmental impact.



A Business Built on Air

EPS Benefits



Load Bearing



Lightweight



Excellent thermal properties



Resistant to freeze/thaw



ODP = 0 GWP = <5



Versatile



Fully Recyclable

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