



Case study

Time Served – XPS Insulation Selected for Women’s Prison in Stirling

Product XPS 300 SL 100mm
Application Ground Floor Insulation - 8000m²

Morrison Construction’s £54m contract to build the replacement for Scotland’s only women’s prison at Cornton Vale, Stirling is secured on good foundations using our BBA approved Extruded Polystyrene (XPS) Insulation.

The new Central Hub with vocational and educational facilities, a medical centre and laundry will be built along with a family and visitor area and administrative building. The second phase will create a retreat and multi faith area, as well as an animal welfare and grounds maintenance building.

All these built onto XPS 300 SL Insulation. Carrying a warranty for the lifetime of the building, this tough insulation offers excellent thermal performance and exceptionally low moisture absorption. With its rebated edges the boards reduce thermal bridging and do not support capillary action.

Sundolitt XPS is available in a wide range of thicknesses and compressive strengths up to 700 kPa. It is manufactured at sites accredited to ISO 14001 (EMS) and ISO 9001 (QMS).

Sundolitt XPS is already a preferred solution in industrial, commercial and educational buildings where high insulation and high strength are critical.

Our XPS Sales Manager Neil Sprackling states “XPS gives high rigidity and impact strength as well as excellent thermal performance. It will not deteriorate over time or be affected by high moisture levels. For all these site-tough reasons it is the product of choice for floors, foundations and inverted roofs where heavy loads and high moisture levels are expected.”



A Business Built on Air

XPS Benefits

-  **Load Bearing**
-  **Lightweight**
-  **Water Resistant**
-  **Resistant to freeze/thaw**
-  **ODP = 0 GWP = <5**
-  **Versatile**
-  **Fully Recyclable**

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