



Integrated Structural Insulated Panels providing a high performance school of the future



Project Brief

Hemsec SIPs was used to create the whole structure of this school, Inman's Primary School, Hedon, near Hull.

The use of Hemsec structural insulated panels allowed the engineers to eliminate 70% of the structural steelwork in creating the structure for this Primary School.

The client, East Riding of Yorkshire Council and their main contractor, George Houlton & Son, needed a modern, thermally efficient structure providing fast build speed, excellent sustainability credentials and minimal site waste at a competitive price.



Project Type/Application

Hemsec SIPs worked with its approved contractor Hemsec Installations to deliver this project.

Hemsec structural insulated panels were used for the external and internal load bearing walls.

In some areas primary structural steel elements were incorporated within the Hemsec SIPs.

Structural insulated panels were also used to create the pitched and flat roof areas for the whole building.

External finishes included traditional brickwork, insulated renders, single ply finishes, cedar cladding and green roof build up.



Outcome/Result/Success Factors

Through the close working relationship established between the client, main contractor and Hemsec, the project achieved all the thermal and structural goals and accelerated the build programme by 3 months.

The clients' architect commented that the use of such modern methods of construction and the way Hemsec dealt with the design process and value engineering activity significantly improved the whole deliverance of the package in comparison with traditional build methods.



Stoney Lane
Rainhill
Prescot
Merseyside
L35 9LL

Andrew Cook
0151 426 7171
andrewc@hemsec.com
www.hemsecsips.com
www.hemsecinstallations.com