



New Perspective

a newsletter by Alfresco Rooms



3D Render



Alfresco Modular Classroom raises the bar



Alfresco Rooms Limited is proud to announce the completion of the 'P7000+ Enrichment Room' at a County Primary School in Suffolk.

The Company was formed in February 2009 as a new venture within the Milwood Group of Companies. Already a long standing and leading UK supplier of canopies and shelters to the education sector, it's sister company, Able Canopies Limited, was regularly approached for enclosed teaching facilities for schools set to engage in the process of converting from 3 tier to 2 tier education, meeting the need to accommodate increased numbers of older children.

After considerable research, it became evident that the market was missing a suitable alternative to the widely used demountables and portable buildings to better meet the expansion requirements of such change. A study of the exacting requirements of both Building Regulations and Building Bulletins associated with education was undertaken, and a specification was drawn up to comply with the school's project mandate. ►





The brief was straightforward enough, yet represented quite a challenge; such a building would need to be versatile, innovative and entirely fit for education purposes. Furthermore, it would obviously need to comply with all relevant building codes and provide a comfortable and healthy environment with adequate solutions for ventilation,

temperature and humidity control, all contained within an aesthetic, commercially attractive and viable package.

This challenge was met head on, and construction of a National 'first' was duly completed on Monday 5th October 2009.



Proposed interior



Director's comment

"Recognising the fundamental construction benefits and sustainability of modern conservatory systems, we commissioned independent thermal and structural analyses to identify all weaknesses inherent in these structures - too hot in summer, too cold in winter, and limited by the need to attach larger designs to existing buildings for structural stability. To provide a suitably sized, independent and thermally stable teaching environment, significant improvements would be needed. Broken down into elemental components; floor, walls, glazing and roofing systems were each scrutinised with particular consideration to the relevance of solar gain, heat retention, ventilation and humidity removal of air-borne pollutants, provision of power, year-round climatic control, lighting and structural improvements required to withstand localised wind and snow loadings."

The result, featuring cutting-edge eco-thermic insulating technologies working harmoniously with extremely energy efficient, government-backed climate control plant, structurally validated by Building Control, is a range of cost-effective, attractive buildings that more than adequately stand up to the demands imposed on them in an educational setting.

Alfresco Rooms has brought together a range of supporting packages to supply equipment suited to a broad range of applications within the Education, Health, Leisure and Commercial sectors, details of which can be found at www.alfrescorooms.co.uk. The web site also features a gallery of images covering the construction sequence of the P7000+, currently the largest building in the range at 50 square meters, although larger structures are already on the drawing board. ■



Alfresco Rooms Ltd is a Private Limited Company registered in England. Registered No. 6815742.
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