



Temperature Controlled Warehousing The Wine Society

Client:	The Wine Society
Architect:	Vincent and Gorbng
Structural Engineer:	MLM
Principal Contractor:	Morgan Ashurst
Specialist Contractor:	Quickseal
Location:	Stevenage, Hertfordshire
Completion Date:	2008

When client The Wine Society where looking to increase their temperature controlled wine storage facilities in Stevenage by more than 50,000 cubic metres to house more than three and a half million bottles of wine for their members, they chose to use Tradical[®] Hemcrete[®] thermal walling. Following the successful early UK use of Tradical[®] Hemcrete[®] for a 4,000m² temperature controlled brewery distribution centre in Suffolk, The Wine Society's architects Vincent & Gorbng discovered that by including a ventilated small air gap, the breathable hemp and lime product could be used behind the metal cladding that would be needed to match the appearance of the existing storage facilities on site.

Principal Contractor Morgan Ashurst and Specialist Contractor Quickseal working in conjunction with Structural Engineer MLM and Lime Technology, (partners in the manufacturing and distribution of Tradical[®] Hemcrete[®]), developed an offsite solution to satisfy the tight construction site and programme constraints for the build. Supported on a structural steel frame the building walls were constructed of just

730 cubic metres of Tradical[®] Hemcrete[®] that was installed in pre-fabricated 3.6 by 2.4 metre panels of 400mm thick sprayed product within factory manufactured timber cassettes produced with FSC timber.

In use since mid 2008 without any heating or cooling equipment in operation, the monitoring of the internal environment of the warehouse has shown remarkable temperature stability despite daily external temperature variation and extended periods of sub-zero temperatures.

For more information please contact Lime Technology on:

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