



The Lead Sheet Association



## Rolled lead sheet key to impressive Channel Islands Orangery

Vale Garden Houses is a family business founded over 30 years ago to design and make Georgian and Oriental garden buildings. They make extensive use of Rolled Lead Sheet to BS EN 12588 on their properties, and there is no better example of this than their construction of an impressive orangery on the Channel Islands.

Rolled lead sheet is used by Vale Garden Houses for this type of project due to its excellent flexibility, durability and aesthetic features. With the aid of CNC technology, curved mops were created to form the substructure. Whilst a major part of the flat roof was not part of Vale's remit, the dome and all other elements were traditionally lead flashed using time served techniques.

The rolled lead sheet for this project was supplied by Calder Industrial Materials, and during the manufacture of the dome - which was constructed at Vale's warehouse in Lincolnshire before being transported to site - codes of lead between 5 and 7 were used, with thickness ranging between 2.24mm thickness to 3.15mm thickness. Overall, approximately 108 square metres of rolled lead sheet was used on the entire project. Much of the leadwork on this project was carried out by a previous finalist in the Lead Sheet Association's prestigious Young Leadworker of the Year competition.

He can indeed be proud of his contribution to this building as well, a beautifully designed orangery with an impressive lead dome that blends in with the countryside surroundings, and contributes to the air of distinction and quality of the project.

For more information about using Rolled Lead Sheet to BS EN 12588 visit the LSA website at [www.leadsheet.co.uk](http://www.leadsheet.co.uk)



The orangery comprises of a large domed central room with matching glazed side extensions housing separate rooflights on lead upstands. A further glazed corridor leads from the orangery to living quarters and another conservatory with lead roof sat to the rear of the house. This, along with the classic lines and design of the Vale Garden Houses product, serve to give the overall effect the customer was looking for.

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Our Members:

