

Press Release
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Technical Windows and Doors by Mumford & Wood

In the substantial restoration of a large Georgian estate built for and inhabited by the aristocracy, high performance timber sash windows, French doorsets and entrance doors by Mumford & Wood have been used throughout the grand house and numerous outbuildings which span different periods.

Sash windows with cords and sash weights, many with complex arched or curved top frames made by Mumford & Wood, are factory finished and double glazed. Of totally traditional design they benefit from modern manufacturing techniques, are highly energy efficient and fully compliant with Part L building regulations.

Curved on plan French doorsets and windows have been used in this project which entails a high degree of skill and labour and rely on the accuracy of original drawings created by either an architect or by Mumford & Wood's own surveyors. A bespoke CAD/CAM package generates the original processes to produce each curved part. "This is important as we strive to create the same standard of finish on the curved on plan products as we do on our standard flat product which is done by achieving straight grain on all faces," comments Dave Snowling, Operations Director. "In essence we have to create ten curved parts for a non-bar sash window regardless of height or width."

Many CAD programmes are required to turn each curved blank into a finished component and a computer generated simulation is a double-check fail safe precaution. Only then will Mumford & Wood's technicians run the programme to produce the essential components, a process that requires nil tolerance of accuracy.

"There was a time when the part produced was as good as the craftsman who drew the rod," continues Dave, "but we wouldn't take that risk. With our high tech machinery we are 100% accurate first time and we are certain that each part produced thereafter will be exactly the same." The parts are then assembled and follow the same manufacturing processes and hand finishing as all other made to order standard Mumford & Wood products. "So, we can be sure that our traditional and historic products not only look the part but will meet today's exacting performance standards for sustainability, insulation and security, and will be delivered on time using state of the art manufacturing techniques and equipment."

Mumford & Wood use only premium quality, laminated Larch which is naturally strong and durable and sourced only from sustainable forests. Products are finished with three coats of water-based microporous paint which ensures reduced maintenance cycles.

Mumford & Wood is a member of The Performance Window Group, the British Wood Federation's TWA Scheme and a founder member of the Wood Window Alliance.

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Press information:
Jackie Biggin Media Ltd
West Hall, Gt Braxted
Essex CM8 3EP
Tel: 01621 89 1200

Company Information
Chris Wood
Managing Director
Mumford & Wood Ltd
Tel: 01621 818155