





Cover: Major refurbishment project near Stansted Airport fitted with Mumford & Wood windows and doors



Mumford & Wood Limited

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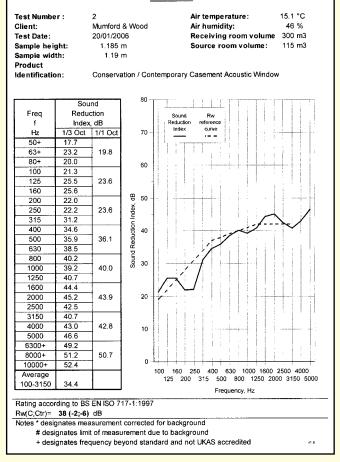
As a result of progressive development, we reserve the right to modify or change specifications and descriptions without prior notice.

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Acoustic casements



Data Sheet 1



Introduction

In today's world of increasing noise pollution it is desirable to be able to have window solutions that not only look traditional, but can also reduce unwanted noise from entering the building. Working in close association with gasket, acoustic and glazing specialists Mumford & Wood Ltd have developed acoustic variations of their high quality timber windows.

Conservation Sash and Conservation Box Sash

Fitted with sashglide® acoustic brush and interlock gaskets in combination with acoustic double glazing and two sash catches to all windows.

Conservation and Contemporary Casement

Fitted with a hi-tec soft seal gasket giving outstanding performance in resistance to air and sound.

Profile sectional details for all products are shown in the Company's main brochures and web site www.mumfordwood.com

Sound Insulation

With independent UKAS testing by Sound Research Laboratories Ltd the products achieved a rating in accordance with BSEN ISO 717-1:1997 of:-

Sash	:	RW (C;Ctr)	=	36 (-2;-5)dB
Box Sash	:	RW (C;Ctr)	=	36 (-1;-4)dB
Casement	:	RW (C;Ctr)	=	36 (-2;-6)dB

Extract test data sheets are shown on these pages for information and a copy of the full test report is available on request.

Contact

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Website

http://www.mumfordwood.com Please view website for further examples of completed projects

Product Website

http://www.mumfordwood.com/acoustic

Acoustic sash





Data Sheet 2 Data Sheet 1 17.1 °C Test Number Air temperature: Test Number Air temperature: 17 °C Mumford & Wood Air humidity: 39 % Client: Client: Mumford & Wood Air humidity: 36 % Receiving room volume 300 m3 10/02/2006 Test Date: Receiving room volume 300 m3 Test Date: 10/02/2006 Sample height: 1.185 m Source room volume: 115 m3 Sample height: 1.185 m Source room volume: 115 m3 1.19 m Sample width: Sample width: 1.19 m Product Product Identification: Conservation Box Sash (hollow frame) double glazed window Identification Conservation Sash (solid frame) double glazed window Freq Sound Reduction Index Reduction Rw Freq Reduction Sound Rw Reduction reference Index curve Index, dB reference curve index.dB f Hz 1/3 Oct 1/1 Oc 1/3 Oct 1/1 (50+ 63+ 22.1 63+ 21.5 80+ 80+ 17.9 100 21.7 125 22.7 160 24.7 200 23.9 100 18.9 22.8 125 21.5 22.9 200 250 315 21.6 250 23.9 250 23.3 315 29.6 400 33.8 500 34.4 630 35.6 800 36.7 24.9 23.3 30.4 400 500 630 32.9 33.5 36.6 630 800 1000 1250 1600 2000 2500 3150 4000 5000 36.7 800 36.7 1000 37.7 37.4 1250 37.9 1600 1600 38.3 2000 38.7 2500 38.4 3150 37.3 3600 20.2 20.0 38.4 38.5 37.9 38.8 39.4 39.0 38.8 38.0 37.4 31.00 31.3 4000 39.3 39.0 5000 41.2 39.0 40.1 39.5 42.6 5000 42.6 6300+ 44.4 8000+ 46.7 10000+ 49.7 6300+ 43.4 8000+ 46.1 10000+ 49.0 46.4 100 160 250 400 630 1000 1600 2500 4000 100 160 250 400 630 1000 1600 2500 4000 Average Average 100-3150 32.2 125 200 315 500 800 1250 2000 3150 500 125 200 315 500 800 1250 2000 3150 500 100-3150 31.8 Frequency, Hz Frequency, Hz Rating according to BS EN ISO 717-1:199 Rating according to BS EN ISO 717-1:19 Rw(C;Ctr)= 36 (-2;-5) dB Rw(C;Ctr)= 36 (-1;-4) dB Notes * designates measurement corrected for background Notes * designates measurement corrected for background # designates limit of measurement due to background # designates limit of measurement due to background + designates frequency beyond standard and not UKAS accredited + designates frequency beyond standard and not UKAS accredited