

Mumford & Wood is part of The Performance Window Group the UK's leading provider of quality timber fenestration.

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THE FINEST TIMBER WINDOWS & DOORS



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ACOUSTIC TIMBER WINDOWS

www.mumfordwood.com

ACOUSTIC CASEMENT WINDOWS

 40_{dB}

With noise pollution on the increase many customers are looking for window solutions that reduce the levels of unwanted sound entering their property.

Working in close association with gasket, acoustic and glazing specialists, Mumford & Wood have developed a range of acoustic variations of their high quality timber windows.

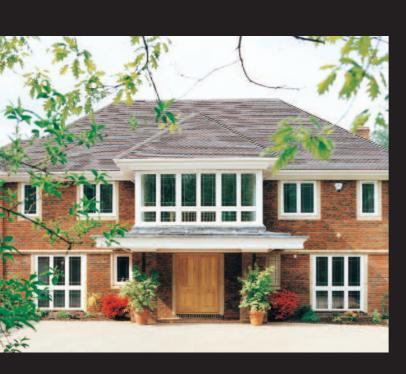
Sound Insulation

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) = 40(-2;-6)dB



Conservation™ & Contemporary Casement

These windows are fitted with the latest technology soft seal gasket, giving outstanding performance in resistance to air and sound.

Extract test data sheets are shown on these pages whilst a copy of the full test report is available on request:

Data Sheet 4

Tel: 01621 818155

l							_							
Test Numbe	er:	5					Air te	mpe	ratur	e:		10	.2 °	С
Client: Mumford			and	Woo	d		Air h		52 %					
Test Date: 14/12/20 Sample height: 1.185			007				Rece	lume	e 300 m3					
			1.185 m					ce ro		115 m3				
Sample wid	th:	1.19	m				Samp	le we	eight	:		37	.8 k	g/m2
Product												-		
Identification	on:	Conserva	ation (Casr	nent V	Vindov	v							
				80										
	Sou	nd	1	80				Ш						
Freq	Reduc	ction			1	Sound	F	łw						
f	Index	, dB			R	eduction		rence						
Hz	1/3 Oct	1/1 Oct	I	70 -	+++	Index		rve	++	++	++	+	+	
50+	25.8		1		114	-								
63+	24.0	24.5	l		1									
80+	24.0		l	60										
100	23.7	24.2	ľ						Ш					
125	23.3				1									
160	26.2	1	١											
200	25.0		뜅	50	+++	++	++	1 +	11	++	+++	+	+	
250	24.7	26.2	Sound Reduction Index, dB								\rightarrow		Ι.	
315	32.4	i l	<u>=</u>		1				يرا	₽.	+-7	₹.	-/	
400	36.7	37.9	봊	40 -	\sqcup	-	\perp		1	\sqcup	\perp		1	
500	37.6		ğ				1	\mathcal{A}						
630	40.2	i I	2		1		11/	1						
800	42.8	44.0	Š				17							
1000	44.1		ြိ	30 -		1								
1250	45.6					ź.	_							
1600	46.2		ĺ		17		7			11				
2000	45.3	44.5		20	1	++	++-	++	++-	++	+	+	+	-
2500	42.7	i I												
3150	41.6		İ											
4000	45.4	44.3		10 -										
5000	48.6									П				
6300+	50.9									Ш				
8000+	52.3	52.3												
10000+	54.5 *	i I		0 -	+++	1 1	1	1	1	1	11	+		+
Average					100				30 10					
100-3150	36.1				125	200	315		800		200	U 3	150	5000
								Frequ	uency,	Hz				
Rating accord	ding to BS I	EN ISO 7	17-1:1	1997										
Rw(C;Ctr)=	40 (-2;-6)	dB												
Notes * desig	nates meas	surement	corre	cted	for ba	ackgro	und							
# desig	gnates limit	of measu	ireme	nt du	ue to b	ackgr	ound							

+ designates frequency beyond standard and not UKAS accredited

ACOUSTIC SASH WINDOWS

36_{dB}

Conservation™ Sash & Conservation™ Box Sash

These windows are fitted with sashglide [®] acoustic brush & interlock gaskets, acoustic double glazing and also feature two sash catches to all windows.

Profile sectional details for all products can be found in the Mumford & Wood Technical Guide and on our web site:

www.mumfordwood.com



					Data S	Shee	<u>t 1</u>												
Test Number: 6 Client: Mumford						Air temperature: 17 °C													
			& Wo	ood		Air humidity: 36 % Receiving room volume 300 m3													
Test Date: 10/02/2006 Sample height: 1.185 to		06																	
		1.185 m				Source room volume: 115 m3													
mple wid	th:	1.19	m																
oduct																			
entificatio	on:	Conserva	ation :	Sas	n (soli	d fra	me)) do	oubl	e g	laze	ed w	vind	OW					
	Sou	ind		80 -				-		Т						1			П
Freq	Redu				ПĖ														
f	index			70 -	1116	Sound Rw Reduction reference													
Hz	1/3 Oct	1/1 Oct			Ш	Index	C		cnine			Н	4	4	4	_			Н
50+	20.7	-			ΠĻ		-			ļ									
63+	21.5	19.7																	
80+	17.9			60 -							-								
100	18.9			00															
125	21.5	20.8			11									1					н
160	22.9	1 1																	П
200	21.6			50	HH				+	+			+	+	+	+	+		Н
250	23.3	33.5 a 33.5 a 33.5 a 33.5 a 33.5 a 33.8 a 33.8	dex												1				Н
315	30.4		듣		111														н
400	32.1		ê	40	Ш	-	Н	-	+	+	\perp			4	_	+-		/	Н
500	32.9		npe	30 -						1		-	\neg		Т	+	~		П
630	36.6		E P		111				1	7/									П
800	36.7		n n					.1	$\overline{}$	1									
1000	38.5		S				.1												П
1250	38.8				-	1		/											П
1600	39.4					\wedge	$\overline{}$												П
2000	39.0			20	1				$^{+}$	t	17	Н		Ť	Ť	\top	T		H
2500	38.0																		П
3150	37.4																		
4000	40.1	39.5		10	-	-	\vdash		+	+	+	Н	+	+	+	+	+		Н
5000	42.6	46.4												ĺ					П
6300+	44.4				1														
8000÷	46.7	46.4		0					_	1		Ш	Ц		4	\perp	1		Ц
10000+	49.7	1		•	100	160	2!	50	400) (630	10	00	160	0 2	: 2500	40	000	
Average	24.0					5 2													000
100-3150	31.8								F	Fred	uen	cv. ł	Hz						
		EN ISO 7									,,,,,,,,	-911	_						

+ designates frequency beyond standard and not UKAS accredited

Data Sheet 2 Test Number Air temperature: Mumford & Wood Air humidity: 10/02/2006 Receiving room volume 300 m3 Test Date: Sample height 1.185 m Sample width: 1.19 m Product Conservation Box Sash (hollow frame) double glazed window Reduction Index dB 1/3 Oct 1/1 Oct 63+ 22.1 20.8 21.0 125 22.7 160 24.7 23.9 23.3 315 29.6 33.8 630 800 35.6 36.7 1000 37.7 1250 37.9 1600 38.3 38.7 2000 3150 37.3 4000 39.3 5000 41.2 43.4 8000+ 46.1 45.6 10000+ 49.0 Average 100-3150 32.2 Rating according to BS EN ISO 717-1:1997

Rw(C;Ctr)= 36 (-1;-4) dB

otes * designates measurement corrected for background

designates limit of measurement due to background

+ designates frequency beyond standard and not UKAS accredited

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