

## ACOUSTIC PERFORMANCE SUMMARY

The following information is a summary of tests carried out in accordance with BS EN ISO 140-3 for measurements of airborne sound insulation of building elements and that the resulting Rw measurements are derived from BS EN ISO 717/1: 1997.

Test No.	Product Name	Product Type	Glass type	Rebate Seal	Drop seal	Test Result (Rw (C;Ctr)	Max Cons Height
<b>FRAME TEST RESULTS</b>							
1	SGDF/DGDF FRAME	SINGLE LEAF SET	10mm Toughened	No	No	19 (0;-2) db	2500mm
2	SGDF/DGDF FRAME	SINGLE LEAF SET	10mm Toughened	Yes	No	26 (0;-2) db	2500mm
3	SGDF/DGDF FRAME	SINGLE LEAF SET	10mm Toughened	Yes	Yes	28 (0;-1) db	2500mm
ASSESSMENT/TBC	SGDF/DGDF FRAME	SINGLE LEAF SET	10.8mm Laminate	Yes	Yes	33 db	2500mm
4	SGDF/DGDF FRAME	SINGLE LEAF SET	12mm Toughened	No	No	23 (0;-2) db	3000mm
5	SGDF/DGDF FRAME	SINGLE LEAF SET	12mm Toughened	Yes	No	26 (0;-1) db	3000mm
6	SGDF/DGDF/FRAME	SINGLE LEAF SET	12mm Toughened	Yes	Yes	29 (0;-1) db	3000mm
ASSESSMENT/TBC	SGDF/DGDF FRAME	SINGLE LEAF SET	12.8mm Laminate	Yes	Yes	34 db	3000mm
<b>SINGLE GLAZED SCREEN TEST RESULTS</b>							
1	SG03/SHT35/SG01/02	Glazed Partition	10mm Toughened	Dry Joints	No Silcone Used	32 (-1;-2) db	2500mm
2	SG03/SHT35/SG01/02	Glazed Partition	12mm Toughened	Dry Joints	No Silcone Used	33 (-1;-3) db	3000mm
3	SG03/SHT35/SG01/02	Glazed Partition	10.8 laminate	Dry Joints	No Silcone Used	34 (-1;-3) db	3000mm
4	SG03/SHT35/SG01/02	Glazed Partition	12.8mm laminate	Dry Joints	No Silcone Used	35 (-1;-3) db	3000mm
ASSESSMENT/TBC	SG03/SHT35/SG01/03	Glazed Partition	10.8mm Acoustic laminate	Dry Joints	n/a	37 db	3000mm
ASSESSMENT/TBC	SG03/SHT35/SG01/04	Glazed Partition	12.8mm Acoustic laminate	Dry Joints	n/a	38 db	3000mm
<b>DOUBLE GLAZED SCREEN TEST RESULTS</b>							
1	DG03/DHT35/DG01/SG02	Glazed Partition	10mm & 10mm Toughened	Dry Joints	No Silcone Used	39 (-1;-4) db	2500mm
2	DG03/DHT35/DG01/SG02	Glazed Partition	12mm & 12mm Toughened	Dry Joints	No Silcone Used	40 (-2;-3) db	3000mm
3	DG03/DHT35/DG01/SG02	Glazed Partition	12mm Toughened (office) & 10.8mm Laminate (corridor)	Dry Joints	No Silcone Used	41 (-1;-5) dB	3000mm
4	DG03/DHT35/DG01/SG02	Glazed Partition	12.8mm & 12.8mm Laminate	Dry Joints	No Silcone Used	42 (-1;-5) dB	3000mm
5	DG03/DHT35/DG01/SG02	Glazed Partition	12.8mm Laminate (office) & 10.8mm Laminate (corridor)	Dry Joints	No Silcone Used	43 (-1;-5) db	3000mm
6	DG03/DHT35/DG01/SG02	Glazed Partition	12.8mm (office) & 10.8mm Laminate (corridor)	Dry Joints	No Silcone Used	43 (-1;-5) db	3000mm
7	DG03/DHT35/DG01/SG02	Glazed Partition	12mm (office) & 10.8mm (corridor) Laminate	Dry Joints	No Silcone Used	43 (-1;-5) db	3000mm
8	DG03/DHT35/DG01/SG02	Glazed Partition	12mm Toughened (office) & 10.8mm (corridor) Acoustic Laminate	Dry Joints	No Silcone Used	45 (-2;-7) db *	3000mm
9	DG03/DHT35/DG01/SG02	Glazed Partition	12.8mm (office) & 10.8mm Acoustic Laminate (corridor)	Dry Joints	No Silcone Used	46 (-2;-7) db *	3000mm
10	DG03/DHT35/DG01/SG02	Glazed Partition	12mm Toughened (corridor) & 12.8mm (office) Acoustic Laminate	Dry Joints	No Silcone Used	46 (-2;-7) db *	3000mm
<b>DOORS</b>							
1	SG DOOR 12/12.8	SG Glazed Framed Door	12mm Toughened to 12.8mm Acoustic Laminate	-	-	up to 39 db	-
2	DG/DOOR 6X8	DG Flush Glazed Door	6mm x 8mm Toughened	-	-	up to 40 db	-
2	DG/DOOR 6X6	DG Flush Glazed Door	6mm x 6mm Toughened	-	-	up to 36 db	-

\*\* DENOTES PREVIOUS TEST DATA & PROFILES, PLEASE CHECK WITH THE OFFICE. \* PARTITION GLASS & GASKETRY PERFORMANCE ARE ONLY AS GOOD AS THE SURROUNDING ENVIROMENTS ACOUSTIC PROPERTIES, ALL PRECAUTIONS SHOULD BE UNDER TAKEN TO ENSURE BEST RESULTS. ALL TESTING WAS CARRIED OUT BY THE BUILD TEST CENTRE & EXOVA IN LABORATORY CONDITIONS AND WILL NOT BE A TRUE REFLECTION OF WHAT WILL BE ACHIEVED ON SITE, THE ABOVE INFORMATION IS A GUIDE TO PERFORMANCE, USING SLMINE PROFILES, QIC-TRIMS LTD WILL UP DATE THIS INFORMATION AS NEW PRODUCTS AND LINES ARE TESTED.