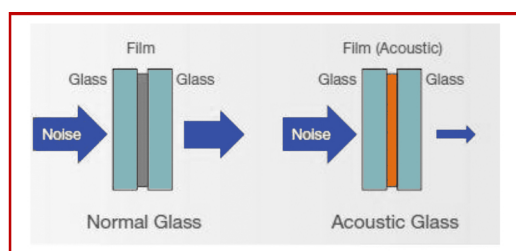


LAMINATED GLASS

Acoustic Laminated

Ravensby Glass offers Acoustic Laminated glass, comprising two or more panes of glass bonded together using clear sound control PVB interlayers. By combining different combinations of glass thicknesses and varying types of sound control PVB interlayers, enhanced acoustic performances can be achieved in addition to the safety, security, ballistic & blast resistant.

Our Laminated glass is manufactured in accordance with EN 14449 and tested in accordance with EN 356 and BS EN 12600 meeting an impact performance of up to class 1, to ensure that the glass can resist different levels of impact, creating a safe and secure barrier.



PRODUCT DESCRIPTION

Acoustic Laminated glass uses a variety of Sound Control PVB interlayers to achieve enhanced acoustic performance. When combined with different glass types and thicknesses improved acoustic performance is achieved as the Sound Control PVB interlayer helps to absorb

sound energy, creating a more relaxing environment within the building. The PVB interlayer absorbs up to 99.5% of ultra violet light, helping to reduce fading and ageing effects. We also offer our Acoustic Laminated Glass in coated forms including Low 'E'. Please contact us for more information on availability and prices.

SOUND REDUCTION INDICES

These are certified examples of sound reduction indices using our Acoustic Laminated Glass (SC). Further calculations and certified results are available on request. We can provide in excess of 400 results and certificates.

	Frequency - Hertz						Rw (C;Ctr)	Rw	Rw + C	Rw + Ctr
	125	250	500	1000	2000	4000				
Single Laminated Glass										
8.8 SC	26	29	34	38	39	45	37 (-0;-3)	37	37	34
10.8 SC	26	31	35	39	40	48	38 (-0;-3)	38	38	35
12.8 SC	30	33	37	40	42	51	40 (-1;-3)	40	39	37
Double Glazed Units										
6/16/8.8 SC	24	28	39	48	46	56	41 (-2;-6)	41	39	35
8/16/10.8 SC	24	31	41	46	46	59	42 (-2;-6)	42	40	36
8.8 SC/16/12.8 SC	28	38	46	50	54	67	47 (-2;-6)	47	45	41
Triple Glazed Units										
6/12/4/12/8.8 SC	23	31	39	49	48	59	41 (-2;-6)	41	39	35
8.8 SC/12/6/12/10.8 SC	29	34	45	53	54	66	47 (-2;-7)	47	45	40

Fact file

Sizes Available:

6.8mm, 8.4mm, 8.8mm,
10.8mm, 12.8mm

Max Size:

6000mm x 3210mm

Applications:

Curtain walling, windows,
overhead glazing, partitions,
and any area where improved
acoustic performance is
required.

Processing:

Laminated glass can be cut to
size to suit the required
applications, processed if
necessary and manufactured
into insulating glazed units in
combination with other glass
types.

Multiple delivery days to your area through the week, Technical advisory service.

Exceptionally competitive rates. For prices and availability please contact us

E-mail - info@ravensbyglass.co.uk