



acoustic
CURTAINS



Specialists in Acoustic Curtains
and Curtain Track Systems

Domestic Acoustic Curtains

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To meet the demand for curtains that will provide a reduction in external noise, such as traffic, we have developed a heavy curtain which provides unrivalled reductions. Specifically for use on domestic glazing and doors.

The heavy double layer construction will provide sound reductions at mid to high frequency, although the benefit at low frequency will be small. Manufactured from Coloured Wool Serge with a heavy acoustic lining they have an overall fabric weight of 1365kg/m².

The curtains come in a range of sizes, similar to proprietary ready-made curtains, with prices as follows:

Width x Drop (cm)	Price (£)
117 x 137	£373.00
117 x 183	£422.00
117 x 229	£472.00
168 x 137	£373.00
168 x 183	£422.00
168 x 229	£472.00
229 x 137	£472.00
229 x 183	£522.00
229 x 229	£593.00

Please note that the above are all single curtains (not pairs) with 50% fullness sewn into the non-adjustable heading with hand folded knife pleats at regular intervals.

The above prices are inclusive of vat at the standard rate but exclude carriage, which would be £35.00 extra for up to four curtains. Delivery is normally 3 weeks and our terms are prepayment by cheque or bank transfer only.

The curtains would have hemmed sides and base with Rufflette tape and hooks to the top. The curtain widths shown are finished dimensions at the head. When the curtains are fitted over the outside of a window recess please ensure that you have allowed sufficient overlap on all four sides, when selecting the appropriate size (view our measurement guide here). Curtains can also be made to custom dimensions to specifically suit your requirements. For approximate pricing please assume this would be as per the next size up ie. a 145cm wide x 210cm drop would be the same as a 168cm wide x 229cm drop.

The same construction curtain can be used over the inside of a door, to help mitigate sound transmission around the periphery. Please contact us if you require a quotation.

Whilst we do not have certificated test data, the curtains have been site tested by using a white noise generator as the sound source and measuring the resultant sound pressure level, using a Class 2 Integrating Sound Level Meter both with and without the curtains in place over structural aperture.

Sound Reduction Index (SRI):

Frequency (Hz)	63	125	250	500	1k	2k	4k	8k
SRI (Db)	1	2	4	9	11	12	15	19

The aforementioned test procedure was used in order to assess the improvement that would be achieved when fitting curtains over a proprietary upvc double glazed window (we would expect even better results with a single glazing, particularly older sash style windows). The results of this test are tabulated below:

Frequency (Hz)	63	125	250	500	1k	2k	4k	8k
Source SPL (dB)	37	45	65	75	86	86	81	73
Room SPL (dB) 1	25	28	49	43	51	56	48	34
Window SRI (dB)	13	17	16	32	35	30	33	39
Room SPL (dB) 2	21	25	41	39	46	49	38	23
SRI Improvement (dB)	4	3	8	4	5	7	10	11

(NOTES: Source SPL (dB) - positioned outside the window. Room SPL (dB) 1 - level inside the room before fitting the curtains. Room SPL (dB) 2 - level inside the room after fitting the curtains. The gap between the inside surface of the glazing and the curtain was 200mm.)

A similar test was used to ascertain the improvement when fitting a curtain over a typical 35mm thick hardwood domestic internal door. The results of this test are tabulated below:

Frequency (Hz)	63	125	250	500	1k	2k	4k	8k
Source SPL (dB)	37	45	64	78	86	89	87	80
Room SPL (dB) 1	23	38	57	62	66	70	65	51
Window SRI (dB)	14	7	7	16	20	29	22	29
Room SPL (dB) 2	22	37	53	57	62	65	58	44
SRI Improvement (dB)	1	1	4	5	4	5	7	7

(NOTES: Source SPL (dB) – positioned in adjacent room. Room SPL (dB) 1 – level inside the room before fitting the curtain. Room SPL (dB) 2 – level inside the room after fitting the curtains.)

Curtain Tracks

Recognised as a leading worldwide supplier of commercial or contact duty curtain tracks, Silent Gliss are known and respected for their high quality products. We generally offer tracking solutions using their systems on smaller curtain arrangements, where a domestic style of track is coupled with curtains headed with conventional Rufflette tape and hooks.

Prices for SG1280 Hand Operated Curtains Tracks, suitable for use with our Domestic Sound Reducing Curtains, finished in white and complete with fixing brackets, end stops and gliders would be as follows:

Track Length	Price (£)
1.25m	£60.00
2.0m	£81.60
3.0m	£108.00
4.0m	£136.80
5.0m	£165.60
6.0m	£192.00

The above prices include carriage and vat. We can also supply corded or motorised track systems if required, as well as heavy duty systems for larger curtains.

Acoustic Curtains Ltd

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