



ACOUSTIC ALUMINUM WINDOW

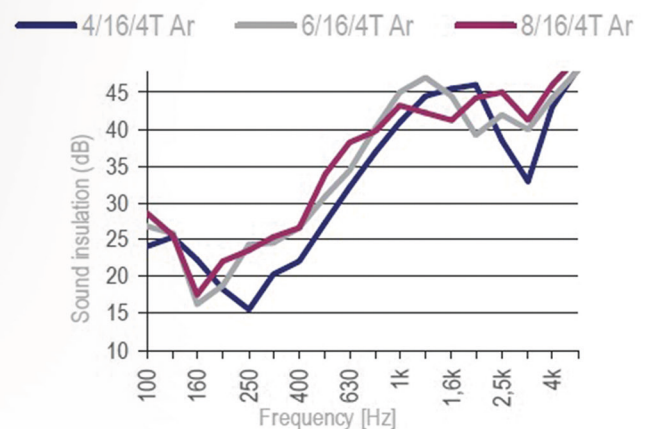
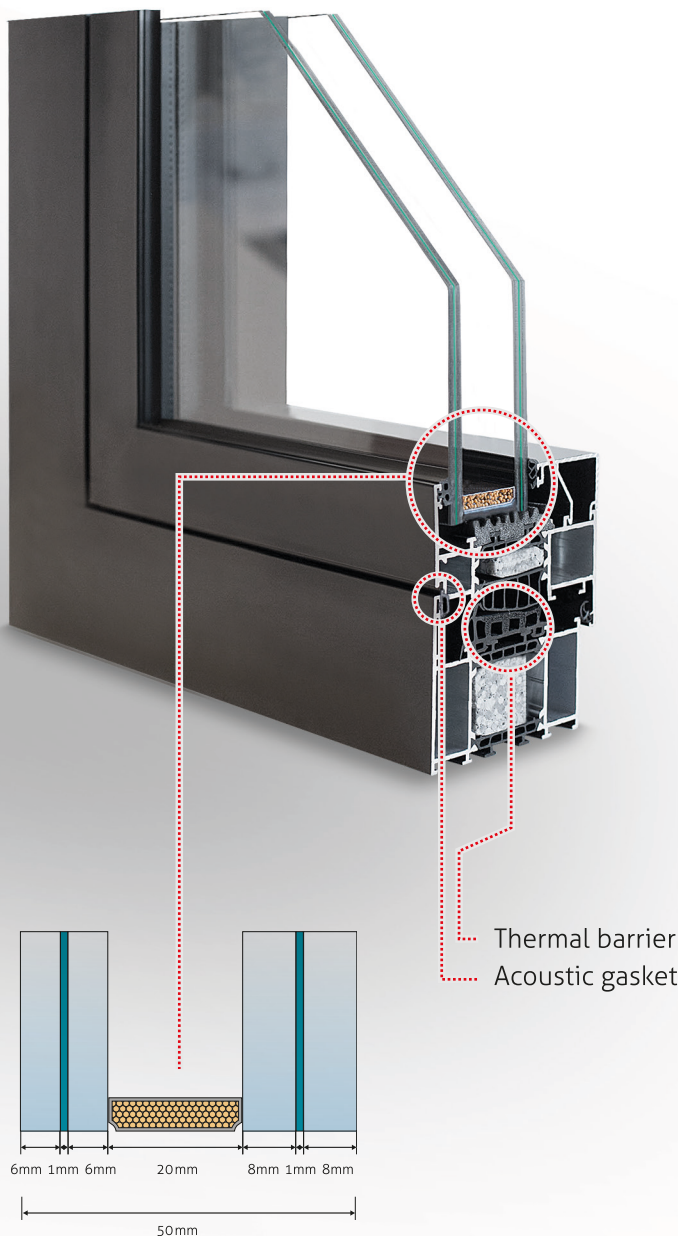
Protecting ourselves from high levels of outside noise is a real issue - not only for our ears, but for our overall well-being. Polishinterior's 'Acoustic' line of windows provide ample sound insulation for those wanting that extra level of peace and comfort, while incorporating modern design aesthetics and concealed hardware.



ACW ACOUSTIC ALUMINUM WINDOW

Our Acoustic double glazed units make use of special attenuation gasses, which fill up the space between the two panes of glass in the double glazed unit. Factors such as pane asymmetry and glass flexibility are taken into account during the manufacturing process.

Our Acoustic aluminium frame, complete with acoustic gaskets, high-performance IGU (Insulated Glass Unit), and continuous insulation, provides up to $R_w=51$ dB (-1, -3) of excellent sound insulation, as well as durability and quality. Concealed hardware ensures smooth operation and low noise.



bass tones frequencies from 20 to approximately 300 Hz
midrange tones frequencies from 300 to approximately 3000 Hz
treble tones frequencies from 3000 to 20 kHz

GLASS	G - factor	TL - translucent	U _g	R _w (C;Ctr) dB
SILVERSTAR EN2plus 4mm / 18+argon / EUROFLOAT 4mm / 18+argon / SILVERSTAR EN2plus 4mm	53	74	0,5	33 (-2;-5)
EUROFLOAT 88.2mm / 20+argon / SILVERSTAR EN2plus 66.2mm	53	75	1,1	51 (-1;-3)
EUROFLOAT 8mm / 16+argon / SILVERSTAR EN2plus 55.2mm	61	78	1,1	41 (-1;-4)
EUROFLOAT 10mm / 16+argon /ClimaGuard Premium2 VSG 44.2mm	58	78	1,1	45 (-2;-6)
SILVERSTAR EN2plus 8mm / 12+argon / EUROFLOAT 6mm / 12+argon / SILVERSTAR EN2plus 55.2mm	50	70	0,7	43 (-2;-6)
ClimaGuard Premium2 VSG 44.2mm / 12+argon / EUROFLOAT 6mm / 12+argon / SILVERSTAR EN2plus 66.2mm	49	69	0,7	48 (-3;-8)

R_w – weighted acoustic insulation coefficient. R_w states the number of decibels suppressed by the glass.
 C_{tr} – corrective coefficient for sound sources containing a large number of low frequencies for example urban road traffic.
 C – corrective coefficient for sound sources containing few low frequencies for example high speed road traffic, high speed rail traffic, children playing.