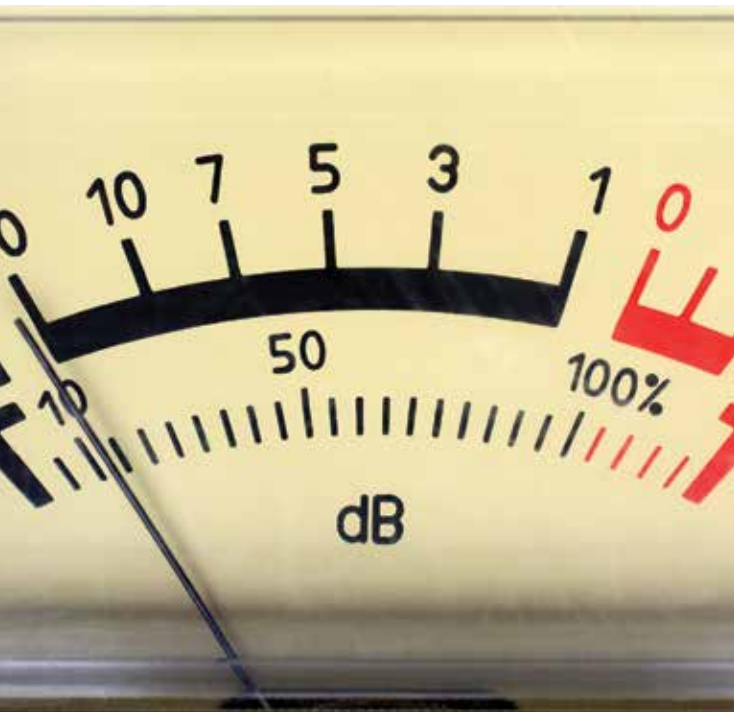


# Noise levels guidance



All together better



Noise situation	Distance from window to centre of road (metres)	Outside sound intensity (dBA)
Motorway 3 - 5000 vehicles per hour	35	70
	100	60-70
Main town road or secondary road outside in a built up area	10	70
	35	66-70
	100	61-65
Secondary road in built up area	10	66-70
	35	61-65
	100	56-60
Residential road junction 50 - 200 vehicles per hour	10	66-70
	25	61-65
	35	56-60
Residential road junction 50 vehicles per hour	10	61-65
	25	56-60
	35	51-55

Location	Recommended max level (dBA)
<b>Residential:</b>	
Bedrooms	30 - 40
Living Rooms	40 - 45
<b>Offices:</b>	
Private offices / small conference	40 - 45
Large offices	45 - 50
<b>Educational:</b>	
Classrooms (15-35 people)	40
Classrooms (35+ people)	35
Music and drama rooms	30
<b>Health &amp; Welfare:</b>	
General wards	55
Small consulting rooms	50
Diagnosis rooms	45

This data is provided for general information and to help assess what level of acoustic dampening is required of the glazed unit in the installation. This information can be found from the glass manufacturers.