

PROVISIONS AS PER LLOYD GEORGE TRANSPORTATION NOISE ASSESSMENT

Area Type	Orientation	Noise Control Measures
- Cotton		ndoors
Bedrooms	Facing road / rail corridor	6mm (minimum) laminated glazing Fixed, casement or awning windows with seals No external doors Closed eaves No vents to outside walls / eaves Mechanical ventilation / air-conditioning
	Side-on to corridor	6mm (minimum) laminated glazing Closed eaves Mechanical ventilation / air-conditioning 1
	Away from corridor	No requirements
Living and work areas ²	Facing corridor	6mm (minimum) laminated glazing Fixed, casement or awning windows with seals 35mm (minimum) solid core external doors with acoustic seals Sliding doors must be filled with acoustic seals Closed eaves No vents to outside walls / eaves Mechanical ventilation / air-conditioning
	Side-on to corridor	6mm (minimum) laminated glazing Closed eaves Mechanical ventilation / air-conditioning 1
	Away from corridor	No requirements
Other indoor areas	Any	No requirements
		Dutdoors
Outdoor living area		See Note 4 below
age B: Noise within 3dB above ollowing noise insulation packa oise 'limit' but by no more than	ge is designed to meet the indoor noise standards for reside 3dB (See Table 1 in the Policy)	ential developments in areas where transport noise levels exceed
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Mechanical ventilation / air conditioning

Where outdoor noise levels are above the 'target', both packages A and B require mechanical ventilation or air-conditioning to ensure that windows can remain closed in order to achieve the indoor noise standards. In implementing Packages A and B, the following need to be observed:

Evaporative air-conditioning systems will not meet the requirements for Packages A and B because windows need to remain open;

Refrigerative air-conditioning systems need to be designed to achieve fresh air ventilation requirements;

Air inlets need to be positioned facing away from the transport corridor where practicable; Ductwork needs to be provided with adequate silencing to prevent noise intrusion.

^{1.} See section on Mechanical ventilation / air-conditioning below for further details and requirements.

^{2.} These deemed-to-comply guidelines adopt the definitions of indoor spaces used in AS 2107-2000. A comparable description for bedrooms, living and work areas is that defined by the Building Guide of Australia as a 'habitable room'. The Building Guide of Australia may be referenced if greater clarity is needed. A living or work area can be taken to mean any 'habitable room' other than a bedroom. Note that there are no noise insulation requirements for utility areas such as bathrooms. The Building Guide of Australia describes these utility spaces as 'non-habitable rooms'.

^{2.} Glazing panels are acceptable in external doors facing the transport corridor. However these must meet the minimum glazing requirements.

^{4.} The policy requires that at least one outdoor living are be reasonably protected from transport noise. The protected are should meet the minimum space requirements for outdoor living areas, as defined in the Residential Design Codes of Western Australia or as amended in the DAP.