

## Noise Standards Package Package A

### 1 Package A

1.1 If Item 16 of the Contract Schedule shows that Package A applies to the Property, the following measures are required to be implemented by a Buyer to comply with indoor noise standards for residential developments:

Area type	Orientation	Package A measures
<b>Indoors</b>		
Bedrooms	Facing road/rail corridor	<ul style="list-style-type: none"> <li>• 6mm (minimum) laminated glazing</li> <li>• Fixed, casement or awning windows with seals</li> <li>• No external doors</li> <li>• Closed eaves</li> <li>• No vents to outside walls/eaves</li> <li>• Mechanical ventilation/air conditioning<sup>1</sup></li> </ul>
	Side-on to road/rail corridor	<ul style="list-style-type: none"> <li>• 6mm (minimum) laminated glazing</li> <li>• Closed eaves</li> <li>• Mechanical ventilation/air conditioning</li> </ul>
Living and work areas <sup>2</sup>	Facing road/rail corridor	<ul style="list-style-type: none"> <li>• 6mm (minimum) laminated glazing</li> <li>• Fixed, casement or awning windows with seals</li> <li>• 35mm (minimum) solid core external doors with acoustic seals<sup>3</sup></li> <li>• Sliding doors must be fitted with acoustic seals</li> <li>• Closed eaves</li> <li>• No vents to outside walls/eaves</li> <li>• Mechanical ventilation/air conditioning</li> </ul>
	Side-on to road/rail corridor	<ul style="list-style-type: none"> <li>• 6mm (minimum) laminated glazing</li> <li>• Closed eaves</li> <li>• Mechanical ventilation/air conditioning</li> </ul>

### 2 Mechanical ventilation/air conditioning

2.1 Package A requires mechanical ventilation or air conditioning to ensure that windows can remain closed in order to achieve the indoor noise standards.

2.2 In implementing Package A, the following needs to be observed:

- evaporative air conditioning systems will not meet the requirements because windows need to remain open;
- refrigerated 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; and
- duct work needs to be provided with adequate silencing to prevent noise intrusion.

<sup>1</sup> See section on Mechanical ventilation/air conditioning for further details and requirements.

<sup>2</sup> 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 Code of Australia as a “habitable room”. The Building Code 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 Code of Australia describes these utility spaces as “non-habitable rooms”.

<sup>3</sup> Glazing panels are acceptable in external doors facing the transport corridor. However these must meet the minimum glazing requirements.