

ANNEXURE 1

QUIET HOUSE DESIGN GUIDELINES LOTS 100 - 106

Outdoors minimum 2.4 m high solid fence e.g. Brick, Hardifence or Limestone but excluding both Colorbond and Picket fences with various cul-de-sac wall opening sizes gaps as shown;

AND - for indoors

Area type	Orientation	Package A measures
Indoors		
Bedrooms	Facing road/rail corridor	 6 mm laminated glazing Casement or awning windows No external doors Closed caves No vents to outside walls/eaves Mechanical ventilation/airconditioning (see 4.5.3)
	Side-on to corridor	6 mm laminated glazing Closed eaves Mechanical ventilation/airconditioning
	Away from corridor	No requirements
Living and work areas⁵	Facing corridor	 6 mm laminated glazing Casement or awning windows 35 mm (minimum) solid core external doors with acoustic seals Sliding doors must be fitted with acoustic seals Closed caves No vents to outside walls/eaves Mechanical ventilation/airconditioning
	Side-on to corridor	 6 mm glazing Closed eaves Mechanical ventilation/airconditioning
	Away from corridor	No requirements
Other indoor areas	Any	No requirements

Mechanical ventilation/airconditioning

Where outdoor noise levels are above the "target", both packages A and B require mechanical ventilation or airconditioning 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 airconditioning systems will meet the requirements for packages A and B provided attenuated air vents are provided in the ceiting space. Without such vents, these systems require windows to remain open.
- Refrigerative airconditioning systems need to be designed to achieve fresh air ventilation requirements.
- Air inlets need to be positioned facing away from the corridor where practicable.
- Ductwork needs to be provided with adequate silencing, particularly in higher noise areas, to prevent noise intrusion.