

Airborne Sound Isolation

The Altair Louvre window system has been field tested for sound transmission loss.

The tests were conducted independently by a member firm of the Association of the Australia Acoustical Consultants.

The tests were carried out on Altair windows 2400 high x 840 wide. The windows comprised of a Breezway Louvre Windows aluminium surround frame complete with 152 Altair louvres. The 2400 high windows consisted of louvres of 16 operable blades with a fixed extension blade.

The results of these field tests gave the following sound transmission loss.

Size	Sound Transmission Loss	Blade Material
2100 h x 800 w	R' w. 28	Toughened Glass
2400 h x 840 w	R' 45, w. 27	Toughened Glass
2400 h x 840 w	R' 45, w. 25	Aluminium
2400 h x 840 w	R' 45, w. 24	Timber