

GRIGLIATO "SC100"

Noise Reduction Testing

This test had been conducted to show the levels of noise reduction. A GRIGLIATO "SC100" panel size 4'-0" x 4'-0" had been placed between the source of the noise and a dB measuring device. The panel was placed into a wall opening.

A car was used as the noise source and placed approx. 3'-0" from the panel. A dB meter (sound level meter) was placed 3'-0" on the opposite side of the panel. After the first testing series the panel was removed and the testing series was repeated. The testing was repeated once for verification of the results. The 2nd test produced identical results to the first test.

	with panel	without panel	noise reduction
Engine RPM	noise level in dB	noise level in dB	differential in dB
800 (idle)	58	61	-3
1000	63	65	-2
2000	71	73	-2
3000	79	82	-3
4000	84	86	-2