

Trojan PROFESSIONAL Acoustic Test Results

Floor Impact Noise Insulation Field Test Report
398 Cavendish Road, Coorparoo

Reference Number:	QA536-01F02 Floor Impact Test – Lino floor with no interlocking (r1)	
Date of Test:	Thursday 13 th November 2015	
Address of Test Premises:	The Village Coorparoo, 398 Cavendish Road, Coorparoo	
Test Instrumentation	<ul style="list-style-type: none"> • Tapping machine, 01dB S/N 25131 • Precision sound level meter, Norsosonic Nor140 S/N 1402770 • Acoustical Calibrator: B&K 4230 (S/N 1206747). 	
Form of Construction:	<p>Tested floor in Unit 5406 consisted of approximately 900mm x 1500mm of vinyl floor planks <i>with no interlocking mechanism</i>, glue directly onto the floor substrate. The specification of each vinyl floor plank:</p> <ul style="list-style-type: none"> • 220mm wide, 1520mm long, 5mm thick and 0.5mm layer of unknown film; • Emboss: IRE <p>Trojan Timbers (Michael Johnson) provided a description of the substrate:</p> <ul style="list-style-type: none"> • 200mm thick reinforced concrete slab; • 187mm ceiling space; • no insulation in cavity; and • 13mm suspended plasterboard ceiling in Unit 5306 <p>Other specific construction details such as the distances between columns and the partition head details are unknown.</p>	
Source Room:	Apartment No: Unit 5406	Occupancy Type: Living/Dining/Kitchen Area
Receiver Room:	Apartment No: Unit 5306	Occupancy Type: Living/Dining/Kitchen Area
Measured Weighted Normalised Impact Sound Pressure Level and Spectrum Adaption Term	$L_{nw} + C_1$	Bare Concrete: 55
		Vinyl floor with no interlocking mechanism: 51
Measured Weighted Standardised Impact Sound Pressure Level and Spectrum Adaptation Term	$L_{nT,w} + C_1$	Bare Concrete: 52
		Vinyl floor with no interlocking mechanism: 48
Normalised Field Impact Isolation Class	$FIIC$	Bare Concrete: 35
		Vinyl floor with no interlocking mechanism: 46

Please Note: the test result provided is not a guarantee that your site would automatically achieve the same results. Trojan in no way warrant that our vinyl floor will meet your building's requirements for acoustics as all buildings are constructed differently and have different body corporate requirements. If acoustics are critical to your project we would strongly recommend you engage an acoustic consultant.