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## REDIWALL Acoustic Performance Ratings - Acoustic Opinion

This letter confirms that a number of REDIWALL constructions have either been acoustically tested or calculated. Detailed acoustic performances of a number of constructions are detailed in the table below and are based on site testing of completed projects or modelling as indicated.

Wall Build UP			Acoustic Performance	Method
Direct fix 10mm RE Gyprock	RW156C	20mm airgap 64mm stud 10mm RE Gyprock 50mm CSR Bradford glasswool partition bat	Rw +Ctr 55 STC 60	On site testing
Direct fix 10mm RE Gyprock	RW200C	20mm airgap 64mm stud 10mm RE Gyprock 50mm CSR Bradford glasswool partition bat	Rw +Ctr 58 STC 64	On site testing
Direct fix 13mm RE Gyprock	RW156C	20mm airgap 64mm stud 13mm RE Gyprock 50mm CSR Bradford glasswool partition bat	Rw +Ctr 55 STC 60	On site testing
Direct fix 13mm RE Gyprock	RW200C	20mm airgap 64mm stud 13mm RE Gyprock 50mm CSR Bradford glasswool partition bat	Rw +Ctr 59 STC 64	On site testing

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<b>Wall Build UP</b>			<b>Acoustic Performance</b>	<b>Method</b>
Direct fix 10mm RE Gyprock	RW156C	Direct fix 10mm RE Gyprock	Rw + Ctr 48 STC 54	On site testing
Direct fix 10mm RE Gyprock	RW200C	Direct fix 10mm RE Gyprock	Rw + Ctr 51 STC 57	On site testing
Direct fix 13mm RE Gyprock	RW156C	Direct fix 13mm RE Gyprock	Rw + Ctr 49 STC 55	On site testing
Direct fix 13mm RE Gyprock	RW200C	Direct fix 13mm RE Gyprock	Rw + Ctr 51 STC 58	On site testing
No finish	RW156C	No finish	Rw + Ctr 50 STC 56	On site testing
No finish	RW200C	No finish	Rw + Ctr 53 STC 58	On site testing
No finish	RW110C	No finish	Rw + Ctr 45 STC 50	On site testing

Wall Build UP							Acoustic Performance	Method
Gyprock RE 13mm	Rondo Direct Fix 282 Clip	Rondo 308 16mm Batten	RW156C	Rondo Direct Fix 282 Clip	Rondo 308 16mm Batten	Gyprock RE 13mm	Rw + Ctr 47 STC 52	Opinion and calculations
Gyprock RE 13mm	Rondo Betagrip BG01 Clip with 50mm cavity	Rondo 308 16mm Batten with 25mm, 14kg/m3 insulation in the cavity	RW15C	Rondo Betagrip BG01 Clip with 50mm cavity	Rondo 308 16mm Batten with 25mm, 14kg/m3 insulation in the cavity	Gyprock RE 13mm	Rw + Ctr 51 STC 56	On site testing
Gyprock RE 13mm	Rondo Direct Fix 282 Clip	Rondo 308 16mm Batten	RW200C	Rondo Direct Fix 282 Clip	Rondo 308 16mm Batten	Gyprock RE 13mm	Rw + Ctr 49 STC 53	Opinion and calculations
Gyprock RE 13mm	Rondo Direct Fix 282 Clip	Rondo 308 16mm Batten, with 25mm, 14kg/m3 insulation in the cavity	RW200C	Rondo Direct Fix 282 Clip	Rondo 308 16mm Batten with 25mm, 14kg/m3 insulation in the cavity	Gyprock RE 13mm	Rw + Ctr 52 STC 57	On site testing
Gyprock RE 13mm	Rondo Direct Fix 282 Clip	Rondo 129 28mm Batten	RW156C	Rondo Direct Fix 282 Clip	Rondo 129 28mm Batten	Gyprock RE 13mm	Rw + Ctr 48 STC 53	On site testing
Gyprock RE 13mm	Betagrip BG01 Clip with 50mm cavity	Rondo 129 28mm Batten, with 25mm, 14kg/m3 insulation in the cavity	RW150C	Betagrip BG01 Clip with 50mm cavity	Rondo 129 28mm Batten, with 25mm, 14kg/m3 insulation in the cavity	Gyprock RE 13mm	Rw + Ctr 52 STC 56	On site testing

Wall Build UP							Acoustic Performance	Method
Gyprock RE 13mm	Rondo Direct Fix 282 Clip	Rondo 129 28mm Batten, with 25mm, 14kg/m3 insulation in the cavity	RW200	Rondo Direct Fix 282 Clip	Rondo 129 28mm Batten, with 25mm, 14kg/m3 insulation in the cavity	Gyprock RE 13mm	Rw + Ctr 54 STC 57	On site testing

We trust this information is satisfactory. Please contact us should you have any further queries.

Yours faithfully,



Acoustic Logic Consultancy Pty Ltd  
Ben White