



**Applications - retrofit and new installations**

**Construction Details**

Side A	Barrierboard 1016	FRL rating	Wall thickness	Rw + Ctr.
Studs	90mm wide timber studs	N/A	132 mm	47**
	92mm wide metal studs			47**
Insulation	TNC acoustic 75/20 polyester			
Side B	10mm plasterboard			

\*CSIRO Test \*\*Assessed from Data

**Acoustic Performance**

Frequency Hz	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000
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