

# System BB20 • $R_w$ 48 STC 48

## SINGLE STUD WALLS - Timber or metal

DIAGRAM NOT TO SCALE



SIDE B

**TIMBER STUD**



SIDE A

**METAL STUD**

Construction Details			$R_w$ Rating	FRL Rating	Wall Thickness	Wall Weight
Side A		Barriboard 1016				
Studs		90mm wide Timber	48**	-/120/120+	154mm	39 kg/m <sup>2</sup>
		92mm wide Metal	48**	-/120/120+	156mm	
Cavity Infill		Nil				
Side B		Barriboard 1016				

Test Data Information

\* CSIRO Test

\*\* Assessed from Data

N/A = Not applicable

+Report C 91568

### Acoustic performance\*

Frequency Hz	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Reduction dB	For specific performance assesment, contact our technical office																	

### Applications

Commercial Developments	Party walls Hallways Bedroom walls
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See our other systems for higher performance requirements



LIGON 216 PTY LTD ABN 79 003 799 068 trading as SOUNDBLOCK SOLUTIONS

P. O. Box 813, Woollahra NSW 1350

Tel: 61 2 9327 7410 Fax: 61 2 9327 1077 Mobile: 0418 409 504

Website: [www.soundblock.com.au](http://www.soundblock.com.au) Email: [management@soundblock.com.au](mailto:management@soundblock.com.au)