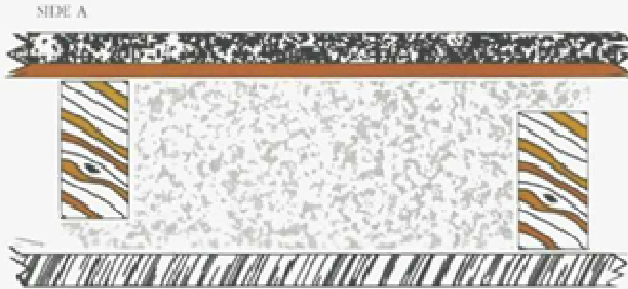


# System BB3 • $R_w$ 57 STC 58

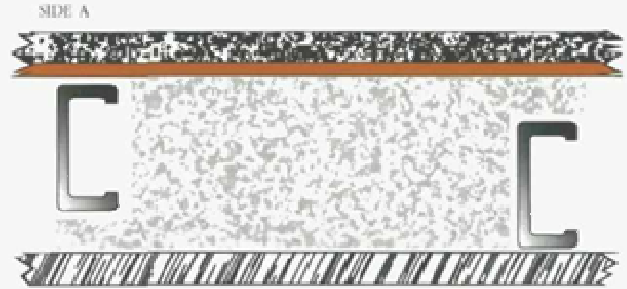
## STAGGERED STUD WALLS - Timber or Metal

DIAGRAM NOT TO SCALE



SIDE B

**TIMBER STUD**



SIDE B

**METAL STUD**

Construction Details			$R_w$ Rating	FRL Rating	Wall Thickness	Wall Weight
Side A		Barriboard 1016				
Studs		75mm wide Timber	57**	-/120/90	168mm	
		64mm wide Metal	57*	-/120/90	168mm	32.25kg/m <sup>2</sup>
Cavity Infill		70mm x 650 gsm Polyester				
Side B		16mm FR Plasterboard				

Test Data Information

\* CSIRO Test

\*\* Assessed from Data

N/A = Not applicable

## Acoustic performance

TEST REPORT NO. TL 382

Frequency Hz	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Reduction dB	30	36	39	44	49	52	57	58	58	63	68	69	68	61	58	65	70	75

## Applications

<b>Commercial Developments</b>	Party walls Hallways	Laundries Bathrooms etc
--------------------------------	-------------------------	----------------------------

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)