## Speedpanel Acoustic Systems



Thickness

187mm

### SYSTEM SPFT031

#### Traditional testing method

Report No.	Fire rating level	DnT,w+Ctr	Thickness
Acousticworks 2016255 R23C 24	-/120/90 (up to 3.0m spans)	50	187mm

# ThicknessReport No.Fire rating level187mmAcousticworks<br/>2016255 R24C 25-/120/90 (up to<br/>3.0m spans)





Testing method with service penetrations through plasterboard

DnT,w+Ctr

48

### System Composition

- 13mm standard plasterboard
- 16mm furring channel
- 51mm Speedpanel® 435kg/m<sup>3</sup> density
- 30mm air gap
- 100mm 14kg/m<sup>3</sup> glasswool insulation
- 64mm steel stud
- 13mm standard plasterboard





\*Note: DnT,w is tested in field conditions, and is equivalent to an Rw rating tested in laboratory conditions.

## Speedpanel Acoustic Systems



Note: SPFT031 is a unique Speedpanel® system and therefore the information supplied on SPFT031 is not relevant to the remaining Speedpanel® systems.



SEALANT ONLY REQUIRED ON UNEVEN SURFACES

SPEEDPANEL® 187mm INTERTENANCY SYSTEM SPFT031		
Caulking savings	Other benefits:	
Labour: 15mins per m <sup>2</sup> saving	<ul><li>No mess</li><li>No deterioration over time</li></ul>	
Material: \$8-11m <sup>2</sup> saving	<ul> <li>No risk of forgetting to seal areas</li> <li>No breaking of sealant with movement and deflection</li> </ul>	
No sealant required if surfaces are flat	<ul> <li>Time and material savings</li> </ul>	
Screw savings	Other benefits:	
Labour: 2mins per m <sup>2</sup>	<ul> <li>30mm deflection head for increased building movement</li> <li>Time and material savings</li> </ul>	
Material: \$1-2 per m <sup>2</sup>		
Less screws		

Caulking and screw savings only applicable when incorporated into a 187mm intertenancy system, as shown on the previous page.

'Traditional testing method' tested by Acousticworks. Verification testing carried out by Renzo Tonin Ron Rumble, exceeded BCA field test requirements with a DnT,w+Ctr 48. 'Testing method with service penetrations through plasterboard' tested by Acousticworks. Verification testing carried out by Renzo Tonin Ron Rumble, exceeded BCA field test requirements with a DnT,w+Ctr 47.