

Fire Resistance Level	Standard Fire Walls		Acoustic Walls (Results from selected testing and computer modelling)		
	Legend:	Standard Fire Walls	$R_w$ Higher is better	$R_w + C_{tr}$ Higher is better	$R_w + C_{tr}$ Higher is better
-30/30 (no 'L' in code)		<p>PRTL30SIA</p>	50 +	50 +	53 +
		<p>PRTL30SIB</p>	50 +	50 +	53 +
		<p>PRTL30SID</p> <p>Insulation to be R 2.5 &amp; 450 rayls or better</p>	45 +	45 +	45 +
30/30/30 (with 'L' in code)		<p>PRTL30SIE</p>	50 +	50 +	53 +
		<p>PRTL30SIA</p>	50 +	50 +	53 +
		<p>PRTL60SIC</p>	50 +	50 +	53 +
-60/60		<p>PRTL60SIA</p>	50 +	50 +	53 +
		<p>PRTL60SIB</p>	50 +	50 +	53 +
		<p>PRTL60SIC</p>	50 +	50 +	53 +
60/60/60		<p>PRTL60SIA</p>	50 +	50 +	53 +
		<p>PRTL60SIB</p>	50 +	50 +	53 +
		<p>PRTL60SIC</p>	50 +	50 +	53 +

**Important Notes:** All stud spacing 600mm. Staggered stud systems include discontinuous top and bottom plates.  
For code compliance check both fire and acoustic ratings against state code requirements.

Fire Resistance Level	Standard Fire Walls		Acoustic Walls (Results from selected testing and computer modelling)		
	Legend: Mineral Wool – 63mm and 450°C (service temp.) Glass Wool – R2.0	$R_w$ Higher is better	$R_w + C_{tr}$ Higher is better	$R_w + C_{tr}$ Higher is better	
-/90/90	PRT90SiA 	45 +	50 +	53 + PRT90SiA 	60 + PRT90DoA 
	PRT90SiB 			53 + PRT90SiB 	60 + PRT90DoB 
90/90/90	PRTL90SiA 	45 +	50 +	53 +	60 +
-/120/120	PRT120SiA 				

**Important Notes:** All stud spacing 600mm. Staggered stud systems include discontinuous top and bottom plates. For code compliance check both fire and acoustic ratings against state code requirements.