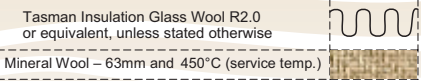

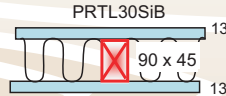
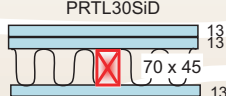
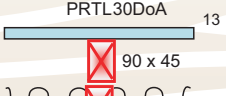
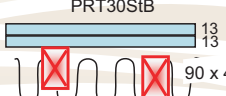
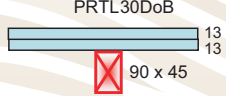
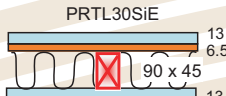

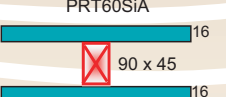
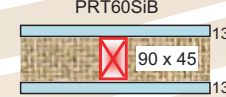
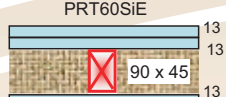

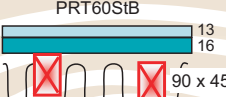
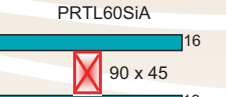
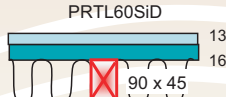
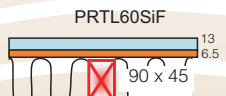

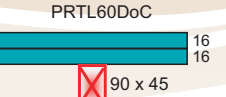
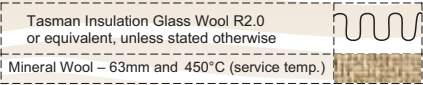
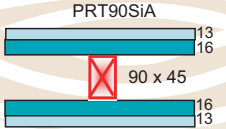
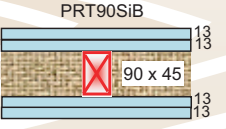
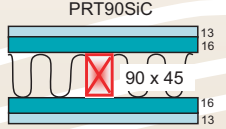
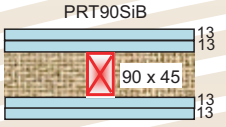
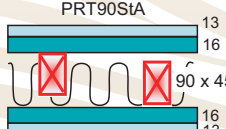
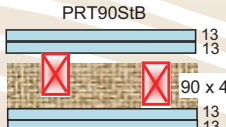
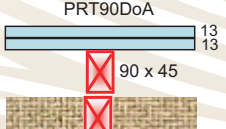
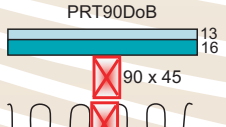
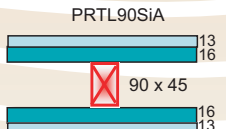
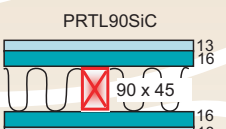
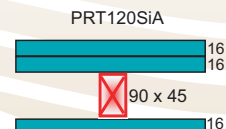
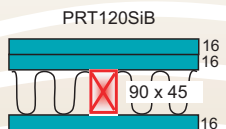
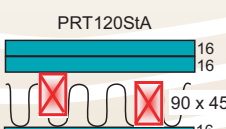
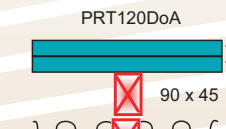


Wall Designs, Fire and Acoustic, Timber Frame

July 2005

Fire Resistance Level	Standard Fire Walls		Acoustic Fire Walls				
	Legend 		R_w Higher is better		$R_w + C_{tr}$ Higher is better		
			45 +	50 +	50+	53 +	60 +
- /30/30 (no 'L' in code) 30/30/30 (with 'L' in code)		 	 <p>Insulation to be R 2.5 & 450 rays</p>				
			 <p>Insulation to be R 2.5 & 450 rays</p>				
-/60/60		 					
	60/60/60		 				

If 13mm then Powerscape Confidence®, Distinction® or Health®. If 16mm then Powerscape Confidence®, Health® or Assurance™. If 6.5mm then Powerscape Go-Between®. Staggered stud designs include discontinuous plates and side channels. For code compliance check fire and acoustic ratings against state code requirements. **To specify call Powerscape for full system details on Freephone 1800 226 215;** or download from web; also phone for samples, literature, project reviews and on-site training during installation. www.powerscape.com

Fire Resistance Level	Standard Fire Walls		Acoustic Fire Walls			
	Legend		R_w Higher is better		$R_w + C_{tr}$ Higher is better	
			45 +	50 +	50+	53 +
-/90/90	<p>PRT90SiA</p>  <p>PRT90SiB</p> 	<p>PRT90SiC</p>  <p>PRT90SiB</p> 	<p>PRT90StA</p>  <p>PRT90StB</p> 	<p>PRT90DoA</p>  <p>PRT90DoB</p> 		
90/90/90	<p>PRTL90SiA</p> 	<p>PRTL90SiC</p> 				
-/120/120	<p>PRT120SiA</p> 	<p>PRT120SiB</p> 			<p>PRT120StA</p> 	<p>PRT120DoA</p> 

If 13mm then Powerscape Confidence®, Distinction® or Health®. If 16mm then Powerscape Confidence®, Health® or Assurance™

Staggered stud designs include discontinuous plates and side channels. For code compliance check fire and acoustic ratings against state code requirements. **To specify call Powerscape for full system details on Freephone 1800 226 215;** or download from web; also phone for samples, literature, project reviews and on-site training during installation. www.powerscape.com