

Wall System Code, and Diagram	R _w	R _w + C _{tr}	Load Capability	Fire Resistance Level	Fiberock Linings (unless otherwise noted)	Insulation	Framing Size	Weight ~ kg/m ²
PRS30SiA / PRSL30SiA 	39	37	LB	(30)/30/30	1 layer of 13 mm each side	No insulation	64mm deep by 0.5mm thick or larger	27
PRS30SiB / PRSL30SiB 	41	37					92mm deep by 0.55mm thick or larger	
PRS60SiB / PRSL60SiB 	42	36					(60)/60/60	1 layer of 16 mm each side
PRS60SiA 	44	33	NLB	-/60/60	1 layer of 13 mm each side	63mm mineral wool with min. service temp. of 450°C	64mm deep by 0.5mm thick or larger	28
PRSSiA 	45	33	LB	-	1 layer of 10 mm each side	R2.0 glasswool, or polyester blanket	76mm deep by 0.55mm thick or larger	25
PRSSiB 	46	35					92mm deep by 0.55mm thick or larger.	
PRS60SiC 	47	39	NLB	-/60/60	1 layer of 13mm each side	63mm mineral wool with min. service temp. of 450°C		28
PRS60SiD / PRSL60SiD 	47	40	LB	(60)/60/60	1 layer of 16mm each side	R2.0 glasswool, or polyester blanket	92mm deep by 0.55mm thick or larger.	33
PRS30SiC / PRSL30SiC 	48	41					(30)/30/30	1 layer of 13mm lining each side
PRS90SiA 	48	42	NLB	-/90/90	1 layer of 13mm and 1 layer of 16mm each side	No insulation	64mm deep by 0.5mm thick or larger	58
FR120SiD 	48	42		-/120/120	2 layers of 16mm each side		64mm deep by 0.75mm thick or larger	63
PRS90SiD 	50	43		-/90/90	1 layer of 13mm and 1 layer of 16mm each side		92mm deep by 0.55mm thick or larger	58
PRSStA 	51	38		-	1 layer of 10mm each side		64mm deep by 0.5mm or larger, staggered	23
PRS30SiE / PRSL30SiE 	51	43	LB	(30)/30/30	1 layer of 13 mm each side, plus 1 layer of 6.5mm on one side	R2.0 glasswool, or polyester blanket	92mm deep by 0.55mm thick or larger	35

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<p>PRS30SiD / PRSL30SiD</p>	51	43	LB	(30)/30/30	1 layer of 13mm on one side, and 2 layers of 13mm on the other side	R2.0 glasswool, or polyester blanket	92mm deep by 0.55mm thick or larger	41
<p>PRS120SiA</p>	51	44	NLB	-/120/120	2 layers of 16mm each side	No insulation	92mm deep by 0.55mm thick or larger	63
<p>PRSDoA</p>	52	42		1 layer of 10mm on each side	R2.0 glasswool, or polyester blanket	64mm deep by 0.5mm thick or larger, gapped double		25
<p>PRS30StA</p>	53	43		-/30/30	1 layer of 13 mm each side	64mm deep by 0.5mm thick or larger, staggered	28	
<p>PRS60StB</p>	53	43		-/60/60	1 layer of 13 mm each side		63mm mineral wool with min. service temp. of 450°C	29
<p>PRS60SiF / PRSL60SiF</p>	53	46		LB	(60)/60/60	1 layer each of 13mm and 6.5mm on one side, and 1 layer of 16mm on the other	R2.0 glasswool, or polyester blanket	92mm deep by 0.55mm thick or larger.
<p>PRS90SiB</p>	54	47	NLB	-/90/90	2 layers of 13mm each side	63mm mineral wool with min. service temp. of 450°C	64mm deep by 0.5mm thick or larger	54
<p>FR120DoB</p>	54	47		-/120/120	2 layers of 16mm on each side	No insulation	92mm deep by 0.55mm thick or larger, adjacent double	62
<p>PRS60StA</p>	55	45		-/60/60	1 layer of 16mm each side	R2.0 glasswool, or polyester blanket	64mm deep by 0.5mm thick or larger, staggered	34
<p>PRS30DoB</p>	56	46		-/30/30	1 layer of 13mm each side		92mm deep by 0.55mm thick or larger, gapped double	29
<p>PR60StF</p>	56	50		-/60/60	1 layer of 13 mm plus 1 layer of 6.5mm each side		64mm deep by 0.55mm thick or larger, staggered	42
<p>PRS60SiE / PRSL60SiE</p>	56	48	LB	(60)/60/60		92mm deep by 0.55mm thick or larger	40	

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PRS60SiH / PRSL60SiH 	56	49	LB	(60)/60/60	1 layer each of 16mm USG® Fiberock and 10mm plasterboard each side	R2.0 glasswool, or polyester blanket	92mm deep by 0.55mm thick or larger	56	
PRS90SiC 	56	49	NLB	-/90/90	2 layers of 13mm each side	63mm mineral wool with min. service temp. of 450°C		54	
PRS90SiE 	56	50			1 layer each of 13 mm and 16mm each side			59	
PRS120SiB 	56	51			-/120/120			2 layers of 16 mm each side	64
PRS60SiG / PRSL60SiG 	57	51			LB			(60)/60/60	1 layer each of 16mm and 10 mm each side
PRS30StB 	58	50	NLB	-/30/30	2 layers of 13mm one side, and 1 layer the other side	R2.0 glasswool, or polyester blanket	64mm deep by 0.55mm thick or larger, staggered	42	
PRS60DoB 	58	51			1 layer of 16mm each side		76mm deep by 0.55mm thick or larger, gapped double	42	
PRS60StG 	59	50			1 layer of 13mm and 6.5mm on one side and 1 layer of 16mm on the other		64mm deep by 0.5mm thick or larger, staggered	41	
PRS60StC 	59	50			2 layers of 13mm on one side, and 1 layer of 16mm on the other side			44	
PRS60StD 	60	52			2 layers of 16mm on one side, and 1 layer of 16mm on the other			49	
PRS60StE 	61	52			2 layers of 13mm each side			54	

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<p>PRS30DoA</p>	62	54	NLB	-/30/30	2 layers of 13mm one side, and 1 layer of 13mm on the other	R2.0 glasswool, or polyester blanket	92mm deep by 0.55mm thick or larger, gapped double	42			
<p>PRS60StH</p>	62	52		-/60/60	1 layer each of 10mm plasterboard and 16mm USG® Fiberock each side		63mm mineral wool with min. service temp. of 450°C	64mm deep by 0.5mm thick or larger, staggered	48		
<p>PRS90StA</p>	62	52		-/90/90	2 layers of 13mm each side	63			63	55	
<p>PRS120StA</p>	63	55		-/120/120	2 layers of 16mm each side					1 layer of R2.0 glasswool, or polyester blanket	92mm deep by 0.55mm thick or larger, gapped double
<p>PRS60DoC</p>	66	58		-/60/60	1 layer each of 16mm Fiberock and 10mm plasterboard each side	55			58		
<p>PRS60DoA</p>	68	60			2 layers of 13mm each side		69	62			
<p>PRS90DoA</p>	69	62		-/90/90	1 layer each of 13mm and 16mm each side	63			60	59	
<p>PRS90DoB</p>	70	63			1 layer each of 13mm and 16mm each side		63	64		63	60
<p>PRS120DoA</p>	71	64			-/120/120						2 layers of 16mm each side