

Separating element type	Minimum element thickness (mm)	Maximum Joint Width (mm)	Minimum Joint Depth (mm)	Seal configuration	Tested and Assessed FRL		
					Integrity	Insulation	
Solid normal weight / light-weight concrete walls (FRL 120/120/120)	120	10	10	Both fire exposed and non-fire exposed sides	120	120	
		20	10				
		30	15				
		40	20				
Solid normal weight / light-weight concrete walls (FRL 180/180/180)	150	10	10		180	180	
		20	10				
		30	15				
		40	20				
Solid normal weight / light-weight concrete walls (FRL 240/240/240)	170	10	10		240	240	
		20	10				
		30	15				
		40	20				
2 x 13mm FR Plasterboard each side (FRL -/120/120)	116	22	25	Both fire exposed and non-fire exposed sides	120	120	
		20	26				
		10	26				
		10	26				
1 x 16mm FR Plasterboard each side (FRL -/90/90)	96	16	16	Both fire exposed and non-fire exposed sides	120	60	
		15	16			60	
		20	16			90	
1 x 13mm FR Plasterboard each side (FRL -/60/60)	90	15	13	Both fire exposed and non-fire exposed sides	60	60	
		13	13				
Solid normal weight / light-weight concrete walls (FRL 120/120/120)	120	10	10	Non-fire exposed side only	120	120	
		20	20			90	
		30	30			90	
Solid normal weight / light-weight concrete walls (FRL 180/180/180)	150	10	10		180	180	
		20	20			120	
		30	30			120	
Solid normal weight / light-weight concrete walls (FRL 240/240/240)	170	10	10		240	240	
		20	20			180	
		30	30			240	
Solid normal weight / light-weight concrete walls (FRL 120/120/120)	120	10	10		Fire exposed side only	120	180
		20	15				0
		30	20				30
Solid normal weight / light-weight concrete walls (FRL 180/180/180)	150	10	10	180		120	
		20	15			0	
		30	20			30	
Solid normal weight / light-weight concrete walls (FRL 240/240/240)	170	10	10	240		240	
		20	15			0	
		30	20			30	