

From BCA 2007 - Volume One
Section C, Specification C1.1-5
Type C Construction: FRL of Building Elements

Building Element	Class of Building – FRL (in minutes)			
	<i>Structural Adequacy/Integrity/Insulation</i>			
	2, 3 or 4 part	5, 7a or 9	6	7B or 8
EXTERNAL WALL (including any column and other building element incorporated therein) or other external building element, where the distance from any fire-source feature to which it is exposed is –				
<i>For loadbearing parts</i>				
< 1.5 m	90/90/90	90/90/90	90/90/90	90/90/90
1.5 – 3m	/-/	60/60/60	60/60/60	60/60/60
3m or more	/-/	/-/	/-/	/-/
EXTERNAL COLUMN not incorporated in an external wall, where the distance from any fire-source feature				
< 1.5m	90/-	90/-	90/-	90/-
1.5 – 3m	/-/	60/-	60/-	60/-
> 3m	/-/	/-/	/-/	/-/
COMMON WALLS and FIRE WALLS	90/90/90	90/90/90	90/90/90	90/90/90
INTERNAL WALLS				
<i>Bounding public corridors, public lobbies and the like</i>				
	60/60/60	-/-	-/-	-/-
<i>Between or bounding sole-occupancy units</i>				
	60/60/60	-/-	-/-	-/-
<i>Bounding a stair if required to be rated</i>				
	60/60/60	60/60/60	60/60/60	60/60/60
OTHER LOADBEARING INTERNAL WALLS and COLUMNS				
	60/-	120/-	180/-	240/-
ROOFS	-/-	-/-	-/-	-/-