



Material Datasheet

NOTIONAL FIRE RESISTANCE OF WALLS

for CEMEX ReadyBlock[®] manufactured using CLASS 1 aggregates.

	SINGLE LEAF		CAVITY WALL	
	Loadbearing	Non-loadbearing	Loadbearing	Non-loadbearing
Solid Dense				
75mm	-	2 hr (2 hr)	-	4 hr
90mm	1 hr	2 hr (3 hr)	1 hr	6 hr
100mm	2 hr	2 hr (4 hr)	6 hr	6 hr
140mm	3 hr	4 hr (4 hr)	6 hr	6 hr
190mm	6 hr	6 hr (6 hr)	6 hr	6 hr
215mm	6 hr	6 hr (6 hr)	6 hr	6 hr
Cellular / Hollow				
100mm	2 hr	2 hr (2 hr)	4 hr	6 hr
140mm	2 hr	3 hr (4 hr)	4 hr	6 hr
190mm	2 hr	4 hr (6 hr)	4 hr	6 hr
215mm	2 hr	4 hr (6 hr)	4 hr	6 hr
Lightweight 1400				
100mm	2 hr	2 hr (4 hr)	6 hr	6 hr
140mm	3 hr	4 hr (4 hr)	6 hr	6 hr
Lightweight 1100				
100mm	2 hr	2 hr (4 hr)	6 hr	6 hr
140mm	3 hr	4 hr (4 hr)	6 hr	6 hr

The bracketed figures denote walls finished with not less than 13mm of sand:cement or sand:gypsum (with or without lime) plaster or rendering on each face of a single leaf wall. Plasterboard of an equivalent thickness may be substituted for fire resistance periods up to 2 hrs.



Material Datasheet

NOTIONAL FIRE RESISTANCE OF WALLS

for CEMEX ReadyBlock[®] manufactured using CLASS 2 aggregates.

	SINGLE LEAF		CAVITY WALL	
	Loadbearing	Non-loadbearing	Loadbearing	Non-loadbearing
Solid Dense				
75mm	-	1 hr (1 hr)	-	4 hr
90mm	1 hr	1½ hr (2 hr)	1 hr	6 hr
100mm	2 hr	2 hr (3 hr)	2 hr	6 hr
140mm	2 hr	3 hr (4 hr)	2 hr	6 hr
190mm	2 hr	4 hr (6 hr)	2 hr	6 hr
215mm	2 hr	6 hr (6 hr)	2 hr	6 hr
Cellular / Hollow				
100mm	-	½ hr (½ hr)		
140mm	-	3 hr (4 hr)		
190mm	- (½)	4 hr (6 hr)		
215mm	- (½)	6 hr (6 hr)		

The bracketed figures denote walls finished with not less than 13mm of sand:cement or sand:gypsum (with or without lime) plaster or rendering on each face of a single leaf wall. Plasterboard of an equivalent thickness may be substituted for fire resistance periods up to 2 hrs.

For more information contact our ReadyBlock[®] Helpline Tel: 0800 667 827.