

2012 IBC Table 716.6 (previously 715.5)

Fire Window Assembly Fire Protection Ratings

TYPE OF WALL ASSEMBLY	REQUIRED WALL ASSEMBLY RATING (hours)	MINIMUM FIRE WINDOW ASSEMBLY RATING (hours)	FIRE RATED GLAZING MARKING	Recommended SAFTI FIRST Product (not in IBC – added for easy reference)
Interior walls				
Fire walls	All	NP ^a	W-xxx ^b	SuperLite II-XL 60-120
Fire barriers	>1 1	NP ^a NP ^a	W-xxx ^b W-xxx ^b	
Incidental use areas (707.3.6), Mixed occupancy separations(707.3.8)	1	¾	OH-45 or W-60	SuperLite II-XL 60 If less than 25% of the wall area: SuperLite II-XL 45, SuperLite I-W, PYRAN Platinum, PYRAN Platinum F or L by SAFTI FIRST
Fire Partitions	1 0.5	¾ 1/3	OH-45 or W-60 OH-20 or W-30	SuperLite II-XL 60 If less than 25% of the wall area: SuperLite II-XL 45, SuperLite I-W, PYRAN Platinum, PYRAN Platinum F or L by SAFTI FIRST
Smoke Barrier	1	¾	OH-45 or W-60	SuperLite II-XL 60 If less than 25% of the wall area: SuperLite II-XL 45, SuperLite I-W, PYRAN Platinum, PYRAN Platinum F or L by SAFTI FIRST
Exterior walls	>1 1 0.5	1-1/2 ¾ 1/3	OH-90 or W-XXX ^b OH-45 or W-60 OH-20 or W-30	SuperLite II-XL 90-120 SuperLite II-XL 60 If less than 25% of the wall area: SuperLite II-XL 45, SuperLite I-W, PYRAN Platinum, PYRAN Platinum F or L by SAFTI FIRST
Party wall	All	NP	Not Applicable	

NP – Not Permitted

a. Not permitted except fire resistance rated glazing assemblies tested to ASTM E119 or UL 263, as specified in Section 716.2.

b. xxx = The fire rating duration period in minutes, which shall be equal to the fire resistance rating required for the wall assembly.