

Wisconsin Commercial Building Inspector Certification  
Chapter IBC 7 Practice Questions

Practice Sheet 6

Chapter 7

A material, device or construction installed to restrict the movement of air within open spaces of concealed areas of building components is called a \_\_\_\_\_.

The aggregate floor area enclosed and bounded by fire walls, fire barriers, exterior walls or fire-resistance-rated horizontal assemblies of a building is the \_\_\_\_\_.

A "fire barrier" is a wall assembly of materials designed to restrict the spread of fire in which \_\_\_\_\_.

\_\_\_\_\_ is that property of materials or their assemblies that prevents or retards the passage of excessive heat, hot gases or flames.

A permanent no build easement line or an imaginary line between two buildings are recognized as \_\_\_\_\_.

\_\_\_\_\_ restrict the spread of fire and extend continuously from the foundation to or through the roof.

Fire-resistance rating of building elements shall be determined in accordance with \_\_\_\_\_ or \_\_\_\_\_.

Two of the alternative methods for determining fire resistance by IBC chapters address \_\_\_\_\_.

The term \_\_\_\_\_ does not apply to the flame spread characteristics of interior finish or trim materials.

For the purposes of determining the required \_\_\_\_\_ building on the same property and court walls of buildings over one story in height shall be assumed to have a property line between them.

Two or more buildings on the same property can be considered as portions of one building if the \_\_\_\_\_ for a single building.

The fire resistance rating of exterior walls with a fire separation distance of \_\_\_\_\_ or less shall be rated for exposure to fire from both sides.

In buildings \_\_\_\_\_, the maximum allowable area of unprotected openings shall be the same as the tabulated limitations for protected.

A building constructed as type IIB located 17' from an adjacent property line is limited to \_\_\_\_\_ unprotected openings on the 17' side.

Construction type IIIB located 3' from the property line is \_\_\_\_\_ permitted protected openings and \_\_\_\_\_ permitted unprotected openings.

The height of a parapet shall not be less than \_\_\_\_\_ above the point where the roof surface and the wall intersect.

\_\_\_\_\_ shall have sufficient structural stability under fire conditions to allow collapse of construction on either side.

Fire wall fire resistance rating for an "A" occupancy is \_\_\_\_\_.

Fire wall fire resistance rating for an "M" occupancy is \_\_\_\_\_.

Walls shall be not less than 2-hour fire-resistance rated where separating \_\_\_\_\_.

Exterior wall intersections at fire walls that form an angle equal to or \_\_\_\_\_ do not need exterior wall protection.

Fire walls require vertical continuity that extends \_\_\_\_\_ above both \_\_\_\_\_.

Section \_\_\_\_\_ shall be referenced to address opening protection in fire walls. The aggregate width of openings at any floor level shall not exceed \_\_\_\_\_ of the \_\_\_\_\_ of the wall.

Adjacent combustible members entering into a concrete or masonry fire wall from opposite sides shall not have less than a \_\_\_\_\_ distanced between embedded ends.

\_\_\_\_\_ accomplish separation of vertical exit enclosures.

Fire barriers shall extend from the top of the floor/ceiling assembly below to \_\_\_\_\_.

Openings in a fire barrier wall shall be limited to \_\_\_\_\_ of the length of the wall, and the maximum area of any single opening shall not exceed \_\_\_\_\_.

Fire-resistance-rated enclosure requirements shall not \_\_\_\_\_ where the exterior wall serves as part of a required enclosure.