

Wisconsin Commercial Building Inspector Certification
Chapter IBC 11, 12, 14 & 15 Practice Questions

Answer Key 12

Navigating the Wisconsin Commercial Building Code skill practice sheet. Find the Wisconsin Commercial Building Code section number associated with each of the key words.

Chapter 11

Units required to be **Type B** units are permitted to be designed and constructed as Accessible units or as Type A units.

Accessible routes within the site shall be provided from public transportation stops; accessible parking; accessible passenger loading zones and public streets or sidewalks to the **accessible building entrance**.

Where no elevator service is provide in a structure, only the dwelling and sleeping units that are located on stories indicated are required to be **Type A** and **Type B**.

Directional signage indicating the route to the nearest like accessible element shall be provided at **inaccessible** building entrances.

Accessible routes shall coincide with or be located in the same area ass a general circulation path.

Where the combined total water closet compartments and urinals provided in a toilet room or bathing facility is **six** or more, at least one ambulatory-accessible water closet compartment shall be provided in addition to the wheelchair-accessible compartment.

One drinking fountain shall comply with the requirements for people who use a wheelchair and one drinking fountain shall comply with the requirements for **standing persons**.

In Group R-2 occupancies containing more than 20 dwelling units or sleeping units, at least **2 percent** but not less than one of the units shall be a Type A unit.

Chapter 12

Crawl spaces shall be provided with a minimum of one access opening not less than **18 inches** by **24 inches**.

For buildings exceeding **14 stories** in height, the required width of the yard shall be computed on the basis of 14 stories.

Artificial light shall be provided that is adequate to provide an average illumination of **10 foot-candles** over the area of the room at a height of **30 inches** above the floor level.

Where openings below grade provide required natural ventilation, the outside horizontal clear space measured perpendicular to the opening shall be **one and one-half times** the depth of the opening.

Occupiable spaces, habitable spaces and corridors shall have a ceiling height of not less than **7 feet 6 inches**.

In other than dwelling units, toilet and bathing room floors shall have a smooth, hard, nonabsorbent surface that extends upwards onto the walls at least **6 inches**.

Chapter 14

The minimum thickness of natural stone in **2 inches**.

Flashing shall be installed in such a manner so as to prevent moisture from entering the wall or to redirect it to the exterior.

Flashing and **weepholes** shall be located in the first course of masonry above finished ground level above the foundation wall or slab, and other points of support.

Where installed on exterior walls having a fire separation distance of **5 feet** or less, combustible exterior wall coverings shall not exhibit sustained flaming as defined in NFPA 268.

The aggregate length shall not exceed **50 percent** of the buildings perimeter on each floor.

The tolerable level incident radiant heat energy for a fire separation distance of 14 feet is **6.7 kW/m²**.

Exterior walls shall be designed and constructed to resist safely the superimposed loads required by **Chapter 16**. Exterior walls shall be fire-resistance rated as required by to the sections of this code as required by **Chapter 7**.

Where combustible exterior wall covering is located along the top of exterior walls, such trim shall be **completely backed up by the exterior wall** and shall not extend over or above the top of exterior walls.

Chapter 15

Flashing shall be installed in such a manner so as to prevent moisture entering the wall and roof through joints in copings, through moisture-permeable materials and at intersections with parapet walls and other penetrations through the roof plane.

The minimum roof covering classification for construction type IIIB is **C**.

Asphalt shingles shall only be used on roof slopes of **two units vertical in 12 units horizontal** or greater.

A penthouse or other projection above the roof in structures of other than Type I construction shall not exceed **28 feet** above the roof where used as an enclosure for tanks or for elevators that run to the roof and in all other cases shall not extend more than **18 feet** above the roof.

Flashing shall be installed at wall and roof intersections, at gutters, wherever there is a change in roof slope or direction and around roof openings.

One or more layers of felt, sheathing paper, nonbituminous saturated felt or other approved material over which a steep-sloped roof covering is applied is an **underlayment**.

The **roof assembly** consists of roof deck, vapor retarder, substrate, insulation, vapor retarder and roof covering.

Where the existing roof has **two** or more applications of any type of roof covering new roof covering shall not be installed without first removing all existing layers.