

CHAPTER 4 SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY

SECTION 402.6.2 2012 Edition IBC Interpretation 11-12 Issued 7-23-2012 BU_12_11_12

402.6.2 Kiosks. Kiosks and similar structures (temporary or permanent) located within the *mall* of a *covered mall building* or within the perimeter line of an *open mall building* shall meet the following requirements:

1. Combustible kiosks or other structures shall not be located within a *covered* or *open mall* unless constructed of any of the following materials:
 - 1.1 *Fire-retardant-treated* wood complying with Section 2303.2.
 - 1.2 Foam plastics having a maximum heat-release rate not greater than 100 kW (105 Btu/h) when tested in accordance with the exhibit booth protocol in UL 1975 or when tested in accordance with NFPA 289 using the 20 kW ignition source.
 - 1.3 Aluminum composite material (ACM) meeting the requirements of Class A *interior finish* in accordance with Chapter 8 when as an assembly in the maximum thickness intended.
2. Kiosks or similar structures located within the *mall* shall be provided with *approved automatic sprinkler system* and detection devices.
3. The horizontal separation between kiosks or groupings thereof and other structures within the *mall* shall be not less than 20 feet (6096 mm).
4. Each kiosk or similar structure or groupings thereof shall have an area not greater than 300 square feet (28 m²).

REFERENCED SECTIONS:

402.2 Definitions.

The following words and terms shall, for the purposes of this chapter and as used elsewhere in this code, have the meanings shown herein.

COVERED MALL BUILDING. A single *building* enclosing a number of tenants and occupants, such as retail stores, drinking and dining establishments, entertainment and amusement facilities, passenger transportation terminals, offices and other similar uses wherein two or more tenants have a main entrance into one or more malls. *Anchor buildings* shall not be considered as a part of the covered mall building. The term "covered mall building" shall include *open mall buildings* as defined below.

Mall. A roofed or covered common pedestrian area within a *covered mall building* that serves as access for two or more tenants and not to exceed three levels that are open to each other. The term "mall" shall include open malls as defined below.

Open mall. An unroofed common pedestrian way serving a number of tenants not exceeding three levels. Circulation at levels above grade shall be permitted to include open exterior balconies leading to *exits* discharging at grade.

Open mall building. Several structures housing a number of tenants, such as retail stores, drinking and dining establishments, entertainment and amusement facilities, offices, and other similar uses, wherein two or more tenants have a main entrance into one or more open malls. *Anchor buildings* are not considered as a part of the open mall building.

[F] 402.5 Automatic sprinkler system. *Covered and open mall buildings* and buildings connected shall be protected throughout with an *automatic sprinkler system* in accordance with Section 903.3.1.1, which shall comply with all of the following:

1. The *automatic sprinkler system* shall be complete and operative throughout occupied space in the *mall building* prior to occupancy of any of the tenant spaces. Unoccupied tenant spaces shall be similarly protected unless provided with *approved* alternative protection.

2. Sprinkler protection for the *mall* of a *covered mall building* shall be independent from that provided for tenant spaces or *anchor buildings*.
3. Sprinkler protection for the tenant spaces of an *open mall building* shall be independent from that provided for anchor buildings.
4. Sprinkler protection shall be provided beneath exterior circulation balconies located adjacent to an *open mall*.
5. Where tenant spaces are supplied by the same system, they shall be independently controlled.

Exception: An *automatic sprinkler system* shall not be required in spaces or areas of *open parking garages* separated from the *covered or open mall building* in accordance with Section 402.4.2.3 and constructed in accordance with Section 406.5.



Q: A kiosk located within an open mall is constructed in accordance with the provisions of Section 402.6.2 does not have a roof, trellis, or other covering above it and is not located beneath an exterior circulation balcony. Is automatic sprinkler protection required to be provided for the kiosk?

A: No. An “open mall” is defined as an unroofed common pedestrian way serving the tenants of an open mall building. Since the open mall is open to the air above (without a roof), there is no requirement to sprinkler the open-air area of the open mall except as specifically indicated in Section 402.5 Item #4 for beneath exterior circulation balconies located adjacent to an open mall.

Consequently, kiosks, regardless of whether they have roofs, trellis or other coverings, are not required to be provided with automatic sprinkler protection. While the construction, location, and area of kiosks need to be in compliance with the applicable provisions of Section 402.6.2, the specific sprinkler requirements Section 402.6.2 Item #2 are only applicable to kiosks located within the “mall” of a covered mall building.