

3.6. Exit passageways

- 3.6.1.** Exit passageways in a means of egress serves as a horizontal means of exit travel that is separated and protected from fire in a manner similar to an enclosed interior exit stair. An exit passageway can be used to preserve the continuity of the protected exit by connecting the stair that continues to the street floor.
- 3.6.2.** Probably the most important benefit of an exit passageway is to serve as an extension of a protected stair where it is impractical to locate the stair on an exterior wall, by connecting to the exit of stair to transfer the occupants safely to an outside exit door.
- 3.6.3.** Exit passageway also serve the buildings of extremely large area, such as shopping malls and some factories, where travel distances to reach exits would be too excessive to meet the restrictions, by connecting exit stairs at distances more than allowed travel distances.
- 3.6.4.** Exit passageways shall comply with **Table 3.1** and **Table 3.8**. However, allowance of Exit passageways and modifications if provided by individual occupancies as per **Section 5**, shall override the requirements of **Table 3.8**.

Table 3.8: Exit passageways

ITEMS	REQUIREMENTS
1. FIRE RATING	<ul style="list-style-type: none"> i. Every Exit passageways in Low depth and Low rise buildings (having height up to 15 m), shall be separated from rest of the building areas by a construction to ensure 1 hour fire resistance rating. ii. Every Exit passageways in High depth, Mid rise and High rise buildings (having height more than 15 m), shall be separated from rest of the building areas by a construction to ensure 2 hour fire resistance rating. iii. Separation shall extend vertically from the finished floor level to the ceiling, providing complete enclosure for the exit corridor.
2. WIDTH	<ul style="list-style-type: none"> i. The width of an exit passageway shall be sized to accommodate the aggregate required capacity of all exits that discharge through it except for Malls where occupants loads of Mall and tenant spaces are not required to be aggregated. ii. Minimum of 1200 mm shall be provided for every exit corridor, unless the increased width is demanded by the egress width calculation based on occupant load and as required by the individual occupancies. iii. Exit corridor shall maintain a minimum width of 2/3 of the stair width, unless where stair widths are required to be higher based on egress capacity demands and shall not reduce in width along the egress path.
3. WINDOWS	<ul style="list-style-type: none"> i. Approved and listed Fire rated windows shall be permitted to be installed on exit passageway walls only if the building is sprinklered.
4. VALID EXIT PASSAGEWAYS	<ul style="list-style-type: none"> i. Access to an exit shall not be through kitchens, storerooms, or other rooms or spaces subject to locking. See Figure 3.16.c. for not acceptable Exit passageways.