

**Table 3.2: Doors (Door Assembly)**

ITEMS	REQUIREMENTS
<b>17. HORIZONTAL SLIDING DOORS AND POWER-OPERATED SLIDING DOORS</b>	<ul style="list-style-type: none"> <li>i. Horizontal Sliding Doors shall be considered part of means of egress provided the door leaf is operable from either side without special knowledge or effort and carries signage on it indicating that it is sliding door.</li> <li>ii. The force required to operate the door leaf in the direction of travel is not more than 133 N (30 lbf) to set the leaf in motion and is not more than 67 N (15 lbf) to close the leaf or open it to the minimum required width.</li> <li>iii. Where fire ratings are required, sliding doors shall be tested and approved as per <b>Section 7.</b></li> <li>iv. Where door leaves are operated by power upon the approach of a person or are provided with power-assisted manual operation, the design shall be such that, in the event of power failure, the leaves open manually to allow egress travel or close when necessary to safeguard the means of egress.</li> <li>v. The feature for manual operation must work at all times, even when other features of the door assembly's mechanism such as the treadle, electric eye or sliding rail, have failed.</li> <li>vi. The door assembly shall be designed and installed so that, when a force is applied to the door leaf on the side from which egress is made, it shall be capable of swinging from any position to provide full use of the required width of the opening in which it is installed.</li> <li>vii. A readily visible, durable sign in letters not less than 25 mm high on a contrasting background that reads as follows shall be located on the egress side of each door opening, "IN EMERGENCY, PUSH TO OPEN".</li> <li>viii. Sliding, power-operated door assemblies in an exit access serving an occupant load of fewer than 50 that manually open in the direction of door leaf travel, with door opening force not exceeding 133 N, shall not be required to have the swing-out feature. The required sign shall be in letters not less than 25 mm high on a contrasting background and shall read as, "IN EMERGENCY, SLIDE TO OPEN"</li> </ul>