

Table 3.2: Doors (Door Assembly)

ITEMS	REQUIREMENTS
13. SELF CLOSING DOORS	<ul style="list-style-type: none"> i. Self closing doors shall remain closed unless actuated by fire detection and alarm system or sprinkler activation of the building or opened manually. ii. Self closing doors shall be able to open manually without any special tools and knowledge. iii. Self closing doors, held open by hold-open mechanism, shall become automatically self closing upon release of hold-open devices, loss of power and when manually operated.
14. REVOLVING DOORS	<ul style="list-style-type: none"> i. Each revolving door assembly shall have a conforming side-hinged swinging door assembly in the same wall as the revolving door within 3050 mm of the revolving door, unless it is serving street floor elevator lobby and no stairway or other means of egress from within that building is not discharging from such revolving door. ii. Revolving door assemblies shall not be used within 3050 mm of the foot or the top of stairs or escalators. iii. Revolving door wings shall be capable of being collapsed into a book-fold position, creating an egress width of 915 mm, when applied a force not exceeding 130 lbf (580 N) to the wings within 75 mm of outer edge. iv. Each revolving door, when considered as a component of means of egress, shall not be credited for more than 50 % of required egress capacity and not more than 50 person capacity. v. Revolving door maximum speeds shall be as per Table 3.3.

Table 3.3: Revolving Door Maximum Speed

INSIDE DIAMETER	POWER DRIVEN SPEED CONTROL (RPM)	MANUAL SPEED CONTROL (RPM)
1. 1980 mm	11	12
2. 2135 mm	10	11
3. 2285 mm	9	11
4. 2440 mm	9	10
5. 2590 mm	8	9
6. 2745 mm	8	9
7. 2895 mm	7	8
8. 3050 mm	7	8