

Table 3.22.: Healthcare, Group A, B. (Hospitals and Clinics)

ITEMS	REQUIREMENTS
3. EXIT DOOR SPECIFICATION	<ul style="list-style-type: none"> i. Doors in the exit corridor shall not be required to be fire rated but shall be with self closing devices to resist the passage of smoke, with not more than 25 mm gap between floor covering and the bottom of the door. In case of doors protecting pass-through openings a clearance between the bottom of the door and the sill shall not exceed 3 mm. ii. Locks shall not be installed on patient sleeping rooms. Restricting entry into patient rooms from corridor by access control operated by staff is allowed. Any arrangement shall not prevent patients from egress through such doors. iii. Door-locking arrangements shall be permitted where the clinical needs of patients require specialized security measures, safety, protective measures or where patients pose a security threat, provided that staff can readily unlock doors at all times. iv. Any door in an exit passageway, stairway enclosure, horizontal exit, smoke barrier, or hazardous area enclosure (except boiler rooms, heater rooms, and mechanical equipment rooms) shall be permitted to be held open only by an automatic release device. The automatic sprinkler system and the fire alarm system, and the manual activation shall be arranged to initiate the closing action of all such doors, at all levels automatically throughout the smoke compartment or throughout the entire facility. v. Horizontal sliding doors that are not automatic closing shall be limited to a single leaf and shall have a latch or other mechanism that ensures that the doors will not rebound into a partially open position if forcefully closed. vi. Horizontal-sliding doors serving an occupant load of fewer than 10 shall be permitted, provided that the area served by the door has no high hazard contents, the door is readily operable from either side without special knowledge or effort, the force required to operate the door complies, the door assembly complies with any required fire protection rating and, where rated, is self-closing or automatic closing by means of smoke detection. Where corridor doors are required to latch, the doors are equipped with a latch or other mechanism that ensures that the doors will not rebound into a partially open position if forcefully closed. vii. A single door in horizontal exit shall be permitted, provided exit serves one direction egress only and has a width not less than 1055 mm in clear width. viii. A horizontal exit involving a corridor 2440 mm or more in width and serving as a means of egress from both sides of the doorway shall have a pair of swinging doors arranged to swing in opposite directions from each other, with each door having a clear width of not less than 1055 mm, or by a special-purpose horizontally sliding accordion or folding door assembly. ix. A horizontal exit involving a corridor 1830 mm or more in width and serving as a means of egress from both sides of the doorway shall have a pair of swinging doors arranged to swing in opposite directions from each other, with each door having a clear width of not less than 810 mm, or by a special-purpose horizontally sliding accordion or folding door assembly. x. Doors in Smoke barriers shall be substantial doors such as nonrated 44 mm thick solid-bonded wood-core doors, or shall be of construction that resists fire for a minimum of 20 minutes.