

Apart from the above, any other doors with efficient barrier system could be designed which is approved by Dubai Municipality.

While designing the doors, it is important to adhere to Dubai Civil Defence requirements for those doors that are used to exit the building in the event of fire. This regulation does not replace or supersede any fire egress requirements and additional doors that may be required to meet these needs. Additional doors may be required to provide enabled access.

ASHRAE 90.1 (Section 5.4.3.2) provides information on the air leakage rate for entrance doors, which can be used as guidance for door designs.

COMPLIANCE DOCUMENTATION

Table 501.04(1): Documents Required

Project Stages	Submittal Documents
Design Permit Application	1. Floor plans highlighting entrances and exists design and details of proposed air barrier systems.
Construction Completion Application	1. Final approved layout highlighting details of proposed air barrier systems.
After Completion	Not applicable.

REFERENCES AND ADDITIONAL INFORMATION

American Society of Heating, Refrigerating and Air-Conditioning Engineers. (2016). ASHRAE standard 90.1: Energy Standard for Buildings Except Low-Rise Residential Buildings.

Air Movement and Control Association International, Inc. (2017). AMCA 222-16: Application Manual for Air Curtains.