

7.1.6. Power-assisted swinging door assemblies

- i. BHMA/ANSI A156.19, American National Standard for Power Assist and Low Energy Power Operated Doors.

7.1.7. Fire resistance rated Window Assemblies shall satisfy any of the following

- i. UL 9, Standard for Fire Tests of Window Assemblies.
- ii. UL 1784, Standard for Air Leakage Tests of Door Assemblies and Other Opening Protectives
- iii. NFPA 257, Standard on fire test for window and glass block assemblies.
- iv. EN 1634-1: Fire resistance and smoke control tests for door, shutter and, openable window assemblies and elements of building hardware. Fire resistance tests for doors, shutters and openable windows.
- v. EN 1634-2, Fire resistance and smoke control tests for door, shutter and openable window assemblies and elements of building hardware. Fire resistance characterization test for elements of building hardware.
- vi. EN 1634-3: Fire resistance and smoke control tests for door and shutter assemblies, openable windows and elements of building hardware - Part 3: Smoke control test for door and shutter assemblies
- vii. EN 15269-1, Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware. General requirements.
- viii. EN 15269-3, Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware. Fire resistance of hinged and pivoted timber doorsets and openable timber framed windows.
- ix. EN 15269-5, Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware. Fire resistance of hinged and pivoted metal framed glazed doorsets and openable windows.
- x. EN 14600: Doorsets and openable windows with fire resisting and/or smoke control characteristics - Requirements and classification

7.1.8. Fire resistance rated Glazing in Doors and Walls is acceptable with any of the following

- i. ASTM E 119, Standard Test Methods for Fire Tests of Building Construction and Materials
- ii. UL 263, Standard for Fire Tests of Building Construction and Materials.
- iii. EN 1364-1, Fire resistance tests for non-loadbearing elements - Part 1: Walls;
- iv. EN 1634 - 1, Fire resistance test for door and shutter assemblies and openable windows.
- v. EN 15254-4: Extended application of results from fire resistance tests - Non-loadbearing walls - Part 4: Glazed constructions.
- vi. BS 476-22: Fire tests on building materials and structures - part 22: Methods for the determination of the fire resistance of non-loadbearing elements of construction.
- vii. UL 10B/10C, Standard for Fire Tests of Door Assemblies.