

NBS Specification

Hufcor G3000 Moveable Glasswall

Hufcor Moveable Glasswall is a fully glazed operable wall system that combines the function and aesthetics of glass with the flexibility of moveable partitions. They are suitable for a wide variety of applications including: hotels and conference centres, corporate offices, hospitals, schools, colleges and universities, churches and religious establishments and sports and leisure facilities.

Standard details for Hufcor Moveable Glasswall:

- Manufacturer: Hufcor
- Product Reference: Moveable Glasswall
- Configuration: Double point suspension
- Finish: Standard Satin anodised top and bottom profile
Option: Polyester powder coated (PPC)

Guidance for Hufcor Moveable Glasswall

As standard:

Configuration:

Hufcor Glasswalls are supplied with Double Point (DP) suspension. This allows panels to follow track intersection away from the opening allowing panels to stack out of sight.

Panel types:

The panels are available in the following types:

Standard panels: Consisting of one sheet of glass and a top and bottom aluminium frame, with the top frame housing one central carrier or two carriers towards each panel edge. The bottom frame houses either one or two floor bolts.

Pivot Door Panel: A full height access door, positioned at one end of the partition. Note that because the pivot panel is fixed into the top track and also fixes into the floor, the panel cannot move along the track.

Intermediate Door Panel: Enables access through the partition at any position within the wall, hinged from an adjacent (supporting) panel which must be secured at each edge using floor bolts.

Material:

10/12 mm thick clear toughened safety glass

Finish:

- Clear – standard
- Transparent coloured glass - optional
- Smoked glass - optional

Panel weights:

Standard Panel Weight: 30kg/m²

Frame:

Horizontal frame (top and bottom) of extruded aluminium alloy grade 6063-T6

- Silver anodised - standard finish
- Powder coated (BS colours) - optional

Optional vertical trims (fixed to the edges of the glass).

Panel dimensions:

Panels are available in the following sizes:

Min-max width:

- Standard Panels: 600 – 1220 mm
- Pivot Door Panel: 900 mm
- Intermediate Door Panel: 800 mm

Min (if relevant) – max height:

- Standard Panels: 3500 mm
- Pivot Door Panel: 3500 mm
- Intermediate Door Panel: 3500 mm

Top track:

Type 36E: Configuration double point suspension, weight 5.4 kg/m, capacity per panel 450 kg

Carriers:

Type 36E:

- 2-wheeled counter-rotating horizontal carriers, precision ground steel ball bearings with heat-treated and hardened races encased with nylon-molded tyres
- Used to support panels in a double point configuration.
- Each panel has two carriers positioned towards each edge of the panel.

Door furniture:

- Handle supplied with all Pivot / Intermediate door panels
- Lock fitted into bottom frame, either thumb turn or key activated from any, one side or both sides, in any combination – optional.

Floor bolts and sockets:

Panels have at least one floor bolt positioned at one end of the bottom frame of the panel