

TECHNICAL DATA SHEET

MG700 Glass Sliding Panel System

ACOUSTIC

N/A

Design-led

FIS ACCREDITED

ModernGlide Ltd • movableacousticwalls.co.uk • Issue: 2025

Product Description

The MG700 is a top-hung glass sliding panel system — full-height glass panels suspended from an overhead aluminium track, guided by a bottom rail, and designed to slide and stack in multiple configurations. The system is specified where visual openness, design flexibility and elegant space division are the primary requirements.

The MG700 Float system is specifically designed to accommodate corner office layouts. Panels can turn corners and slide into adjacent walls, creating fully flexible workspace boundaries in any floor plan — including L-shaped and U-shaped configurations. This makes it the preferred choice for open-plan offices, co-working spaces and showrooms.

The MG700 is a design-led system. It does not carry a certified acoustic Rw rating and is not classified as an acoustic partition. For projects requiring acoustic performance alongside glazed aesthetics, the MG500 (Rw up to 43 dB) or MG600 (Rw 45 to 50 dB) should be considered. All installations are carried out by ModernGlide's FIS-accredited team with full project management from survey through to commissioning and handover.

Key Technical Data Summary

ACOUSTIC RATING

N/A — Design-Led

SYSTEM TYPE

Top-Hung Glass Sliding

MAX PANEL HEIGHT

Up to 4,000 mm

PANEL WIDTH RANGE

600 to 1,200 mm

Note: The MG700 is a design-led glass sliding panel system. It does not carry a certified Rw acoustic rating and is not classified as an acoustic partition. For acoustic performance with glazed aesthetics, please consider the MG500 (Rw up to 43 dB) or MG600 (Rw up to 50 dB).

Technical Specification

System Type	Top-hung glass sliding panels
Glass Thickness	10 to 12.8 mm
Panel Width Range	600 to 1,200 mm per panel
Max Panel Height	Up to 4,000 mm
Track System	Overhead aluminium track
Roller System	Double point suspension
Hardware Finish	SAA (satin anodised aluminium) or powder coated
Bottom Rail	Top and bottom rail system
Corner Configurations	Available — L-shape and U-shape layouts
Access Door	Full height or inset door
Fire Rating	Available on request
Acoustic Rating	N/A — design-led system, no certified Rw rating
Certification	FIS accredited installation
Origin	UK and European manufactured

Design & Specification Options

Glass Options

- Clear float glass 10 mm
- Clear float glass 12 mm
- Acoustic laminated 10.8 mm
- Acoustic laminated 12.8 mm
- Frosted or satin glass
- Tinted glass options
- Low iron glass for enhanced clarity
- Anti-glare glass available

Hardware Finishes

- ✓ SAA satin anodised aluminium
- ✓ Powder coated white
- ✓ Powder coated black
- ✓ Brushed stainless steel
- ✓ Polished chrome
- ✓ Any RAL powder coat colour

Track Options

- ✓ Single track straight
- ✓ Dual track parallel
- ✓ Corner track configurations
- ✓ Curved track sections
- ✓ Recessed ceiling track
- ✓ Surface-mounted track

Panel Configurations

- ✓ Single panel sliding
- ✓ Multi-panel sliding
- ✓ Bi-part opening
- ✓ Corner configurations
- ✓ L-shape layouts
- ✓ U-shape layouts

Handle and Ironmongery Options

- ✓ D-bar pull handles
- ✓ Integrated finger pull
- ✓ Soft-close mechanism
- ✓ Flush pull handles
- ✓ Lever handles
- ✓ Locking options available

Typical Applications

- ✓ Corner office and L-shaped floor plan configurations
- ✓ Co-working meeting pods and focus areas
- ✓ Design-led environments where visual openness is the brief
- ✓ Retail consultation areas
- ✓ Open-plan office space division
- ✓ Showrooms, retail and hospitality interiors
- ✓ Flexible lounge and dining areas in hospitality
- ✓ Reception and lobby space division

Specifier Guidance

Acoustic Considerations

- ✓ MG700 does not carry a certified Rw acoustic rating
- ✓ Not suitable where acoustic separation is a specified requirement
- ✓ For acoustic glazed partitions, specify MG500 (Rw up to 43 dB)
- ✓ For higher acoustic glazed performance, specify MG600 (Rw up to 50 dB)
- ✓ Confirm suitability with acoustic consultant

Key Specification Considerations

- ✓ Confirm structural ceiling capacity for overhead track fixing
- ✓ Coordinate track routing with M&E services and ceiling design
- ✓ Specify glass type and thickness to suit opening size and usage
- ✓ Confirm hardware finish (SAA or powder coat) against interior scheme
- ✓ Allow for bottom rail recess or threshold detail in floor finish
- ✓ Manifestation required under Building Regulations Part M in certain locations
- ✓ Engage at RIBA Stage 2 or 3 for corner configuration coordination

Available Documentation

- ✓ NBS Chorus specification clauses
- ✓ CAD drawings (PDF and DWG)
- ✓ BIM objects (Revit compatible)
- ✓ Technical drawings — single glazed and shootbolts
- ✓ Structural loading calculations
- ✓ O&M manual
- ✓ Installation guidance
- ✓ Servicing and maintenance guide

Maintenance & Servicing

The MG700 requires periodic servicing to maintain optimal operational reliability and appearance. ModernGlide recommends an annual service visit covering inspection, lubrication, track cleaning and hardware adjustment. Servicing contracts are available for all installed MG700 systems.

- ✓ Annual service visit recommended
- ✓ Hardware and roller adjustment
- ✓ Nationwide service coverage
- ✓ Inspection, lubrication, track cleaning
- ✓ Servicing contracts available
- ✓ FIS-accredited service engineers

Request a Full Technical Pack

Contact our technical team to receive NBS clauses, CAD drawings, BIM objects, technical drawings and structural loading calculations for your specific project.

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MG400 – Sliding Wall Systems

MG500 – Flush Glazed Sliding Folding

MG600 – Glazed Office Partitions

MG700 – Glass Sliding Panels

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