



CONCEPT

MC800 IS A NON-INSULATED SLIDING SYSTEM, SUITABLE FOR DOORS AND WINDOWS

SYSTEM DESCRIPTION

Based on concepts of functionality and essentiality Elegant straight profiles.

Enables numerous solutions [Standard Sliding, Slim Interlock, Semi-Concealed, Lift & Slide & Sliding with Fixed].

Excellent water-tightness and air-permeability.

Big variety of sashes and frames.

Fly screen incorporated into system.

Quick and easy installation.

Stainless steel reinforced rail for long lasting construction.

Glazing sash with 38.0 mm width allowing glass panel up to 26.0 mm.

Ability of gear lock installation.

PROFILES DIMENSIONS

Frame Height: 44.0 mm

Frame Width: 94.0-171.0mm

Sash Height: 35.0-80.0 mm and 85.0 mm for Lift & Slide

Sash Width: 38.0 mm and 45.0 mm for Lift & Slide

FITTING TYPES

Single and double rollers with maximum load capacity of 120kg per sash for Slide only and 300kg per sash for Lift & Slide

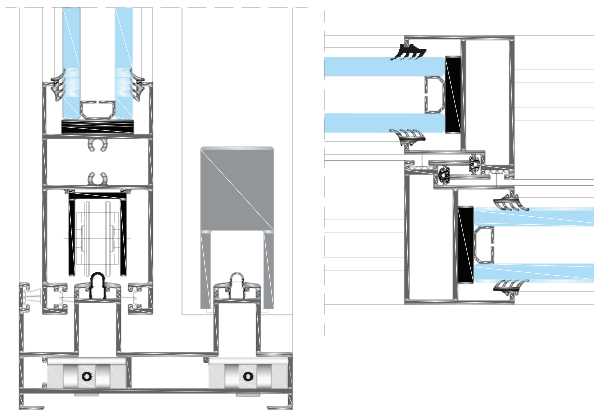
Single point or multipoint locks are available.

CONSTRUCTION SIZES

Slide: Sash (width x max height): 1400x2800 mm

Lift & Slide: Sash: (width x max height): 2000x3000 mm

Additional sizes available upon request



FRAME HEIGHT	44.0 mm
FRAME DEPTH	94.0-171.0mm
SASH HEIGHT	71.0-80.0 mm and 85.0 mm for Lift & Slide
SASH DEPTH	38.0 mm and 45.0 mm for Lift & Slide
INTERLOCKING WIDTH	35.0-81.0 mm and 86.0 mm for Lift & Slide
MEETING STILE WIDTH	75.0-169.0 mm
PROFILE THICKNESS	1.5 mm
SASH WEIGHT	Slide: 120 KGR per Sash Lift & Slide: 300 KGR per Sash
GLAZING OVERALL THICKNESS	UP TO 28.0 mm
SLIDING MOVEMENT	ALUMINUM & STAINLESS-STEEL ROLLERS
SEALING	EPDM GASKETS & WEATHER STRIPPING
CONSTRUCTION SIZES	Slide: 1400x2800 mm Lift & Slide: 2000x3000 mm

TYOLOGIES

	STANDARD CONSTRUCTIONS	SLIM CONSTRUCTIONS	SEMI-CONCEALED CONSTRUCTIONS	LIFT & SLIDE CONSTRUCTIONS
2-SASH				
3-SASH				
4-SASH				
2-SASH WITH FLY SCREEN				
4-SASH WITH FLY SCREEN				

CERTIFICATION

Effective and proved airtightness and watertightness, carefully designed accessories and specially constructed supplementary profiles for sealing the perimeter of the window.

All characteristics of the system are tested in **Housing and Building National Research Center - Egypt [HBRC]**

TEST RESULTS

Air Leakage	Calculated Result is 0.43 L/s.m² at Applied Pressure of 75 Pa
Water Penetration	No water leakage within 15 minutes at 140 Pa
Structural Performance	Calculated Deflection is 12.45 mm at 800 Pa [< 12.75 mm is the Allowable Limit]