



Metro MRS90 – Sliding Door System Bottom Rolling

The Metro MRS90 Bottom Sliding System is based upon top or bottom roller designs of single, double or triple sliding panels into a cavity.

Key Features

- ▶ A natural anodised finished bottom rail is available to suit 1250mm wide and 100kg weight. (Nylon Roller System).
- ▶ A brass finished bottom rail is available to suit 1250mm wide and 180kg weight. (Steel Roller System).

Material Finish

- ▶ Natural Anodised or Brass Bottom Rail.
- ▶ Powdercoated on request. Note: Powder coating is available in a wide range of colours with commercially available surface integrity warranties from 10 to 30 years.

The system is glazed with Metro Performance Glass, as follows:

- ▶ 10mm & 12mm TEMPAFLOAT® Toughened Safety Glass.
- ▶ Toughened Heat Soak Glass.
- ▶ Toughened Screen Print Glass
- ▶ Toughened Digital Print Glass.
- ▶ Glass must have a minimum strength of 100MPa. All edges polished.

Hardware

- ▶ Refer to your local Metro Frameless Glass Stockist for advice. Or see Section 6.

Scope of Use

- ▶ The Metro MRS90 is an elegant frameless glass door system for internal applications that provide a minimalist look.



Support Inquiries

- ▶ Metro Technical phone (09) 927 3000 or email technical@metroglass.co.nz

Metro MRS90

SUITABLE FOR INTERNAL ONLY. MAXIMUM Door weight 100kg (Nylon Roller System).

Nominal Glass Thickness (mm)	MAXIMUM Door Heights Span (mm) for Wind Zones																	
	Internal 0.5kPa			Low 0.72 kPa			Medium 0.96 kPa			High 1.36 kPa			Very High 1.76 kPa			Extra High		
	H	W	Suits	H	W	Suits	H	W	Suits	H	W	Suits	H	W	Suits	H	W	Suits
10mm TEMPAFLOAT®	2400	4166	Yes	2000	4545	Yes	2000	5000	Yes	1800	5555	Yes			No			No
12mm TEMPAFLOAT®	2800	2976	Yes	2600	3205	Yes	2400	3472	Yes	2200	3787	Yes	2000	4166	Yes			No

Metro MRS90

SUITABLE FOR INTERNAL ONLY. MAXIMUM Door weight 180kg (Steel Roller System).

Nominal Glass Thickness (mm)	MAXIMUM Door Heights Span (mm) for Wind Zones																	
	Internal 0.5kPa			Low 0.72 kPa			Medium 0.96 kPa			High 1.36 kPa			Very High 1.76 kPa			Extra High		
	H	W	Suits	H	W	Suits	H	W	Suits	H	W	Suits	H	W	Suits	H	W	Suits
10mm TEMPAFLOAT®	2400	3000	Yes			No			No			No			No			No
12mm TEMPAFLOAT®	2800	2142	Yes			No			No			No			No			No

METRO MRS90 SLIDING DOOR SYSTEM

Bottom Rolling



Product	Model	Sizes mm	Finish	Material	Type	Application	Area
METRO MRS90 SLIDING DOOR KIT NON LOCKING VERSION	500033	1250mm Wide *Maximum Door Weight 180kg	ANOD NATURAL *Brass Bottom Track	ALUM 6063	BOTTOM ROLLING *Each Set includes (Bottom Sliding Rail, Bottom Track, Top Channel and 2 Channel Stops)	NON LOCKING SLIDING DOOR	Internal
	500034	1250mm Wide *Maximum Door Weight 100kg	ANOD NATURAL *Natural Anodised Bottom Track				
		GLASS THICKNESS: 10-12mm	ON REQUEST: POWDERCOAT				
METRO MRS90 SLIDING DOOR KIT LOCKING VERSION	500619	1250mm Wide *Maximum Door Weight 180kg	ANOD NATURAL *Brass Bottom Track	ALUM 6063	BOTTOM ROLLING *Each Set includes (Bottom Sliding Rail, Bottom Track, Top Channel and 2 Channel Stops)	LOCKING SLIDING DOOR	Internal
	500620	1250mm Wide *Maximum Door Weight 100kg	ANOD NATURAL *Natural Anodised Bottom Track				
		GLASS THICKNESS: 10-12mm	ON REQUEST: POWDERCOAT				

(Maximum Door Weight 180kg).

System can be used in single, bi-parting and multiple lines of sliding doors.

NOTE: Need to specify glass thickness on order; minimum glazing clearances shall apply.

METRO MRS90 SLIDING DOOR SYSTEM

Individual Components



Product	Model	Sizes mm	Finish	Material	Type	Application	Area
METRO MRS90 RUBBER STOP 	301010	40x29mm	BLACK	RUBBER	DOOR STOP	SLIDING DOOR COMPONENT	Internal
METRO MRS90 BOTTOM TRACK 	301679	3000mm	ANOD NATURAL	ALUM & BRASS	BOTTOM TRACK	SLIDING DOOR COMPONENT	Internal
	301011	4000mm	ANOD NATURAL				
	301012	6000mm	ANOD NATURAL				
	302084	Per Metre	ANOD NATURAL				
	302083	Per Metre	BRASS				
			ON REQUEST: POWDERCOAT				
METRO MRS90 ADJUSTABLE STEEL ROLLER 200KG 	302012	160x40mm	STEEL WITH STEEL WHEELS	STAINLESS STEEL	ROLLING GEAR	SLIDING DOOR COMPONENT	Internal
METRO MRS90 ADJUSTABLE NYLON ROLLER 100KG 	301015	160x40mm	STEEL WITH NYLON WHEELS	NYLON	ROLLING GEAR	SLIDING DOOR COMPONENT	Internal
CHANNEL CS50 	300332	50 x 25mm	ANOD NATURAL	ALUM 6063	CHANNEL	CHANNEL SECTION	Internal
	300331	50 x 25mm	MILL FINISH				
		GLASS THICKNESS: 10-12mm	ON REQUEST: POWDERCOAT				
METRO MRS90 DOUBLE BOGIE RAIL BLOCKS ASSEMBLED 	301014	300mm	MILL FINISH	ALUM 6063	ROLLING GEAR	SLIDING DOOR COMPONENT	Internal
WOOLPILE FIN SEAL 	302005	4.8mm backing x 6.5m pile height	GREY	PBF48.650 FINSEAL	WOOLPILE	DOOR SEAL	Internal

ADDITIONAL: HANDLE SELECTION REQUIRED

(Refer Handle selection table for additional options)

NOTE: Allowance must be made in the glass panel for cut out holes (Handle)