Metro MFX840

(Floor Spring) EN1-4

Designed to be used with Metro patch fittings and door rails. The Metro Floor Spring is a double-action floor spring which has been specially developed for toughened glass doors.

Key Features

- Suitable door weight: Max 100kg.
- Suitable door width: 750-1100mm.
- Suitable door thickness: 8-12mm Toughened Safety Glass.
- Ambient temperature: 20°C - +50°C.
- Hold open 90° (Non Hold Open also available) Hold Open Angle 90°.
- Max Opening Angle 130°.
- Floor Box Dimension: 307mm x 108mm x 40mm.
- Double Action (also suitable for Single Action applications).
- Hydraulic Variable Speed Closing.
- Spring Strengths 15NM (Weak) & 25NW (Standard).
- No need to have the pre-set on the floor.
- Easy installation with base seat adjustable ±3mm backward and forward ±3mm left and right and 4° alignment adjustment.
- All Floor Springs supplied with Stainless Steel Cover Plate.

  * Extended spindles available on request.

  (5mm, 10mm, 15mm, 20mm, 25mm, 30mm, 35mm, 40mm, 50mm)

Material Finish

- Satin or Polished Stainless Steel.
- 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.

Scope of Use

- Floor spring for double action doors, with hydraulic fully controlled closing from approx. 130°; including cement box and removable spindle insert.

Support Inquiries

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

Metro MFX840

SUITABLE FOR INTERNAL AND EXTERNAL DOORS. MAXIMUM Door weight 100kg. Suitable for Door Width 750-1100mm. Maximum width 1100mm.

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
8mm TEMPAFLOAT®			Yes															
10mm TEMPAFLOAT®	2400	1000	Yes	2200	1000	Yes	2000	1000	Yes	1800	1000	Yes	NA	NA	No			
12mm TEMPAFLOAT®	2800	1100	Yes	2600	1100	Yes	2400	1100	Yes	2200	1100	Yes	2000	1100	Yes			

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HINGED AND PIVOT DOORS

Metro MFX840 Floor Spring (Hydraulic Patch)

10 YEAR HARDWARE WARRANTY

Product	Model	Sizes mm	Finish	Material	Type	Application	Area
MFX840 FLOOR SPRING **Hydraulic Patch** 	300548	15Nm 90 DEGREE HOLD OPEN	SS	316 STAINLESS STEEL	HYDRAULIC FLOOR MOUNTED PATCH FITTING *Supplied with std 5mm extended spindles	PIVOT DOOR HINGE DOOR	Internal & External
	300549	NON HOLD OPEN	SS				
	300546	25Nm 90 DEGREE HOLD OPEN	SS				
	300547	NON HOLD OPEN	SS				
		GLASS THICKNESS: 8-12mm 307 x 108 x 40mm	ON REQUEST: POWDERCOAT				

(Standard patch fittings can accommodate 10-12mm glass only).

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HINGED AND PIVOT DOORS

Metro MFX840 Floor Spring Individual Components

10 YEAR HARDWARE WARRANTY

Product	Model	Sizes mm	Finish	Material	Type	Application	Area
MFX840 FLOOR SPRING SPINDLES 	300544	STD SPINDLE	SS	316 STAINLESS STEEL	FLOOR SPRING SPINDLES	COMPONENT *Please specify if you require Offset 3 degrees for single action LH or RH 3° LH off set spindle 3° RH off set spindle	Internal & External
	300545	5mm	SS				
	300538	10mm	SS				
	300539	15mm	SS				
	300540	20mm	SS				
	300541	25mm	SS				
	300542	40mm	SS				
	300543	50mm	SS				
MFX840 BODY ONLY 	300098	280x85x25mm	SS	316 STAINLESS STEEL	BODY ONLY *Internal Component	REPLACEMENT PARTS	Internal & External
MFX840 FLOOR BOX 	302009	307x108x40mm	BLACK	316 STAINLESS STEEL	FLOOR BOX *External Component	REPLACEMENT PARTS	Internal & External
MFX840 COVER PLATE 	301709	325x130mm	SS	316 STAINLESS STEEL	COVER PLATE	REPLACEMENT PARTS	Internal & External
MFX840 SCREW PACK 	301309	M5 X 12 3 x Units in Pack	SS	STAINLESS STEEL	SCREW PACK	REPLACEMENT PARTS	Internal & External

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