

markus[®]

Cold Store Sliding Doors



INTERDOOR
SPECIALIST INDUSTRIAL DOORS

Cold Room
Sliding Doors for temperatures
up to 5°C

“Feel the Difference!”

- Max w x h: 5000mm x 5000mm
- Min Internal Temperature: +5°C
- Max Int /Ext Temperature: +/- 20°C
- Door Thickness: 40 mm
- Operation: Manual or Automatic
- Applications: cold/chill rooms,
drying rooms

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MK1 Cold Room Sliding Doors

The **markus® MK1 Cold Room** Sliding Door is one of the most well-known high-performance sliding doors on the market for the cold room sector and was established in the 1960s. Over the years, the **markus® MK1 Cold Room** Sliding Door has been continually developed so that it offers a very low-priced cold room door able to retain an internal temperature of 5°C whilst retaining an impressive aesthetic quality.

Dimensions	
max. width (W)	5000 mm
max. height (H)	5000 mm
min. internal temperature	+5°C
max internal / external temperature	+/- 20°C
door thickness	40mm
Operation	Manual or Automatic

Components and Construction

The **markus® MK1 Cold Room** Sliding Door is constructed as follows:

Door Blade

- Construction:** manufactured with interchangeable panels
- Insulation:** High pressure injected polyurethane foam 50Kg/m³ (CFC Free)
- Thickness:** 40mm
- Finishing:** 0.8mm steel sheet lacquered white or PVC coated or in stainless steel
- Edge Profiles:** 2mm, AISI 304 stainless steel lateral bumpers
- Sealing:** Compact EPDM joint profile, pressure inserted into rigid PVC support
- Hardware:** external opener in aluminium with Rilsan bath (PA) in black. Internal flush handle in ABS

Frame

- Extruded aluminium profiles thermal bridge free (equipped with double polyamide profile inserts)
- Aluminium ABS cap to make sure contact between the frame and the gasket of the door, on the whole frame perimeter
- Aluminium finish or powder coated in RAL colour of choice

Track

- Extruded aluminium profile with canopy
- Ball bearings of polyamide
- Bearing's support in stainless steel

Colours

The door leaf is finished in white lacquer as standard, but can be finished in PVC, stainless steel and most other colours.

Operation

The operation is manual. Electric automation can be added if required.

Cold Room Performance

The **markus® MK1 Cold Room** Sliding Door has been tested and certified by the LGAI Technological Centre (LGAi).

Generated results were:

- Minimum internal temperature: +5°C
- Maximum internal / external temperature: +/- 20°C

Control and operation

The **markus® MK1 Cold Room** Sliding Door is a manual operated door; however, an electric automation can be added providing a control unit with 3 push buttons (open-stop-close) and a control panel that regulates the speed of opening and closing. Given the size of the door, the operation is supplied as standard with "dead man mode".

Additional controls that can be connected to the standard control box are:

- pullswitch
- key-operation switch
- radio control

Optional Extras*

- additional controls as described above
- door interlock control (if automated)
- specified door leaf colour
- key locking mechanism
- crash bar
- meat rail "slide-way"
- methacrylate window
- electric drive unit (as described above)

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