

ROMA INSULATION SYSTEMS

Hinged doors

For cold-stores and deep-freeze rooms.
Equal to any challenge.



SO EVERYTHING FITS. **ROMA**

ROMA hinged doors for cold-store and deep-freeze rooms – aesthetic appeal and security



Flush-fitted cold-store and deep-freeze room door RAL 9010

Hinged cold-store and freezer room doors

The materials used in cold-store and deep-freeze units have to meet rigorous demands. ROMA hinged doors were designed by our company technology department to meet just these requirements. Our thermally separated frame construction allows cold-store doors to operate without a door-frame heater. An energy-efficient door-frame heater is sufficient for deep-freeze units.

For applications with small, frequently handled refrigerated and frozen goods, ROMA recommends hatches for best results. A small opening surface reduces operating times and cuts energy consumption.

High-grade materials and secure operation

ROMA hinged doors stand out for their top-quality materials and advanced technology and are designed for commercial use in cold stores and deep-freeze units to -25 °C. These doors have proven themselves in daily use thanks to their good performance, safety and long service life. Their trouble-free operation optimizes work procedures as well as reducing energy consumption.

We would be happy to make you an individual offer.

Benefits of ROMA hinged doors:

- Space-saving through flush-fitted door leaf
- Comfortable handling through increasing and adjustable quality hinges
- Energy efficiency and maintainability through replaceable and circumferential rubber seal
- Certified U-values (FIW acc. to EN ISO 10077-2)

Assembly in a few steps:

You can find the detailed video of the installation of our revolving door on YouTube or here in the QR code:



Hinged doors for cold-store and deep-freeze rooms – a solution for every application

| Standard | Cold-store and deep-freeze room hinged doors | Cold-store and deep-freeze room hatches |
|------------------------------|--|---|
| Door leaf | 60, 100 or 140mm thick (rigid PUR foam) Rubber circumferential seal, physiologically harmless and replaceable Galvanized sheet steel, polyester coating RAL 9010 | |
| Door frames | Made of stainless steel, thermally separated, suitable for retrofitting | |
| Dimensions in 100mm steps | Single-leaf 800 to 1200mm wide, 1800 to 2200mm high Double-leaf 1600 to 2500mm wide, 1800 to 2200mm high | 600mm wide, 600mm high |
| Threshold | Suitable doorsill solutions made of stainless steel R11 for cell, partition wall and concrete paving | - |
| Optional (extra charge) | Special colors and surface finishes Door frames painted | |



Rising flap hinges, adjustable, 2-dimensional



ROMA door handle, with antimicrobial effect



Door leaf with thermally separated frame

- Benefits of the thermally separated, bipartite door frame:**
- Energy-efficient
 - For cold stores:
no door-frame heater required
 - For deep-freeze cells:
door-frame heater with low energy consumption
 - Easy replacement of the heating cable in case of service
 - Suitable for retrofit installation
 - Extremely robust design

Practical accessories for your hinged door

You can obtain all the accessories you need directly from ROMA. This allows you to quickly customize your ROMA hinged door to match your specific requirements.

Choose from the following accessories:

- Skirting protection strips
- Door lites 400 x 600mm
- Door contact switches (12-230V)
- Lock systems
- Door closers
- Strip curtains
- Overhead track adapters
- Door-frame heater

ROMA. So everything fits.

ROMA is a leading manufacturer of doors, cells and chambers.

We develop and manufacture cold-store and deep-freeze cells and doors, climate chambers, cleanrooms and specialized rooms for a wide range of applications in the air conditioning industry. We can look back on over 70 years of success and experience in highly specialized construction sectors.

Ever since its founding, our family-run business has always manufactured top-quality products Made in Germany



ROMA Cells, Doors and Chambers Business Unit

Planning details

Please consult our most recent technical data sheets for detailed planning specifications.

www.romakowski.com/en/cold-store-cells/downloads



For more information, please visit our website:
www.romakowski.com

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ROMA INSULATION SYSTEMS

Sliding doors

For cold stores and deep-freeze rooms.
Every last detail perfect.

SO EVERYTHING FITS. **ROMA**

ROMA sliding doors – compact and versatile



Sliding doors with SAE 304 stainless steel

Sliding doors for cold-store and deep-freeze rooms

ROMA sliding doors are designed for tough commercial environments such as cold-stores and deep-freeze rooms. These doors stand out for their performance, safety and long service life. ROMA sliding doors are very easy to operate, ensuring greater efficiency and smooth business operations every day. The sliding track has a sealed upper surface that resists dirt build-up, making these sliding doors very easy to clean. Every ROMA sliding door can be operated with one hand. A fully automated electronic control facilitates the use of frequently opened sliding doors.

High-grade materials and secure operation

ROMA sliding doors are easy to close and reliably open – thanks to high-grade materials and advanced technology. The core of the sliding door is made of rigid PUR foam, an excellent insulating material which is injected between the robust metal outer skins. ROMA sliding doors are suitable for almost any room and operating situation to -25 °C, even in tight spaces.

Our special construction method utilizes high compressive force for closing the door, ensuring the best possible seal. Choose from a wide range of surface finishes and options to meet your specific needs.

We would be happy to make you an individual offer.

Sliding doors for cold-store and deep-freeze rooms



Sliding doors with SAE 304 stainless steel for cold-store and deep-freeze rooms with automation



Sliding door hardware made of aluminum



Standard outside handle

| Standard | Cold-store and deep-freeze room sliding doors |
|---------------------------|--|
| Door leaf | 100 or 140mm thick (rigid PUR foam) Rubber circumferential seal, physiologically harmless and replaceable Galvanized sheet steel, polyester coating RAL 9010 |
| Door frames | Made of stainless steel, suitable for retrofitting |
| Dimensions in 100mm steps | 1000 to 2500mm wide, 1900 to 2500mm high |
| Threshold | Suitable doorsill solutions made of stainless steel R11 for cell and partition walls |
| Hardware | Aluminium ROMA sliding door hardware Outside and inside handle with emergency opener |
| Optional (extra charge) | Special colors and surface finishes Door frames painted Door-frame heater |

Sliding doors for cold-store rooms



Cold-store room sliding door in special color RAL 7005



Standard door pull handle outside



Standard inset pull handle inside

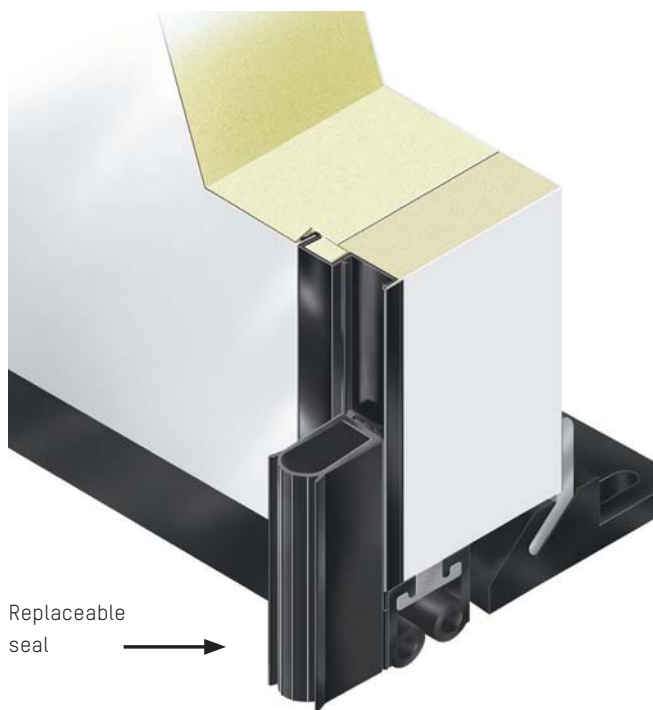


Optional bolt lock

| Standard | Cold-store room sliding doors |
|------------------------------|--|
| Door leaf | 60mm thick (rigid PUR foam) Rubber circumferential seal, physiologically harmless and replaceable Galvanized sheet steel, polyester coating RAL 9010 |
| Door frames | Made of stainless steel, thermally separated, suitable for retrofitting |
| Dimensions in 100mm steps | 800 to 1350mm wide, 1900 to 2200mm high |
| Threshold | Suitable doorsill solutions made of stainless steel for cell and partition walls |
| Hardware | ROMA sliding door hardware, galvanized sheet steel, polyester coating RAL 9010 Door pull handle outside, inset pull handle inside |
| Optional (extra charge) | Special colors and surfaces Door frames painted Bolt lock |

ROMA sliding door benefits

- Outstanding ease of operation: convenient manual operation
- Durable and long service life, corrosion- and wear-resistant
- Optimum tightness for energy-efficient operation
- High standard of hygiene and easy-to-clean surfaces in accordance with HACCP
- Easy maintenance: seals are easy to replace



Practical accessories for your sliding door

Accessories

You can obtain all the accessories you need directly from ROMA. These options allow you to customize your ROMA sliding door to your specific wishes.

Choose from the following accessories:

- Power opener/closer
- Overhead track adapters
- Skirting protection bracket/pillar
- Door contact switches
- Lock system
- Air curtain systems

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The ROMA Cells, Doors and Chambers Business Unit

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www.roma-kuehlzellen.de/downloads



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