

ROMA INSULATION SYSTEMS

Customized applications

As unique as your requirements

SO EVERYTHING FITS. **ROMA**

ROMA customized applications



Not every project can be implemented using standard components. That is why you are provided with a tailor-made solution which does not force you to make compromises. While working closely with you, we plan your project and work out the best solution for your specifications.

You also benefit from our decades of experience implementing specialized constructions:

For projects in the automotive sector, at universities and laboratories and in research and development – ROMA offers solutions ranging from site measurement all the way to final installation. Turn your task into our challenge.

Sample custom applications

- Proofing tunnels and cabinets
- Mobile cold-store and deep-freeze containers
- Shock freezing units
- Proofing interrupters
- Washing cabinets
- Sound-damping and machine enclosures
- Enclosures for spiral and flatbed freezer units



Machine enclosure

ROMA customized applications

Precisely-fitted solutions to your specifications

Key performance data

Many mechanical and plant engineering customers rely on ROMA. Because we are able to supply customized capital goods that satisfy the most demanding requirements. Some key data demonstrate this:

- Insulation thickness from 45 to 220mm, in single layer or multiple-layer construction (PIR/mineral wool)
- Plug-in or gas-tight welded versions
- Foam-injected reinforcement, anchoring points and empty tubes in wall, ceiling and floor elements
- Various floor designs including gutters, sloped flooring
- Floor/ground loads up to 30kN/m²; wheel loads 6kN/4 m² or 12.5kN/220 cm² truck wheel
- Stainless steel floors in tub design and/or welded
- Wall and ceiling conduits in varying diameters
- Punched soundproofing elements
- Opening elements including hinged and sliding doors, window and hatch designs
- Accessories such as loading ramps, blackout flaps
- Standard surface coating design: steel sheeting galvanized on both sides and painted in pure white (similar to RAL 9010)

Just let us know your requirements – we will be glad to prepare the right solution for you.

Sample customized applications



Large-format hinged doors



Temperature and pressure resistant chamber door



Chamber with hatch front chamber door



Machine enclosure with access door and inspection windows

From planning all the way to installation



Our experts are ready to help with individual planning of your project.

So everything fits – ROMA provides professional services from consulting and planning to implementing your construction project.

Your benefits at a glance:

- From site measurement to installation with our own assemblers – all from one source
- Customized construction meeting your specifications
- 3D visualization of your project
- Elements with building authority approval including internal and external monitoring and inspection
- Outstanding joint tightness thanks to highly precise element fitting
- Planning including construction calculation certification (e.g., spans of roof elements)
- Flexible color design for elements, a large selection of coatings and grades of stainless steel
- Sustainable manufacturing verified by our own environmental product declaration (EPD)
- Reliable supply of spares for parts subject to wear

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 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

Additional information about our products is available at:

www.roma-kuehlzellen.de

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