



## Fact Sheet

### REMIS GmbH – Focus on refrigeration systems

#### 1 Company

REMIS GmbH is a leading, globally active producer of glass covers and insulating glass doors for refrigeration units in the food industry. The company sees itself as a competent partner and developer in the field of energy-efficient refrigeration technology. It focuses on developing, planning and selling high-quality products for retrofitting refrigeration units or for the OEM sector.

Quality is the company's foremost objective – in terms of both material selection and customer service. The excellent qualifications of its staff are the basis for quality assurance. REMIS employs some 500 people, including professionally trained experts, such as engineers, technicians and service specialists who are familiar with the needs of the customers. Years of experience and in-depth knowledge go hand in hand at REMIS.

The company is headquartered in Cologne-Ossendorf and operates a further production facility in Germany at Gronau-Epe near Cologne. REMIS sells its products in 21 European countries and has entered into a joint venture with American company Dehco, Inc. to jointly operate a production facility in Elkhart, Indiana, under the name of REMIS AMERICA, LLC. The French service company REMIS SASU, which is based in Dagneux near Lyons, was founded in December 2010 as a wholly owned subsidiary of the company.

Two further business divisions that make up REMIS GmbH are Mobile systems/Caravanning and Automotive. These divisions develop and sell, for example, blinds for windows and drivers' cabs, and roof windows. In addition, Mo.T.I.S. GmbH became a wholly-owned subsidiary of REMIS at the beginning of 2010. Mo.T.I.S. GmbH, which originated from a syndicate of different companies, develops interior systems for truck cabs. The system installations include water supply, wastewater handling, and cooling systems aimed at providing living and work areas that are practical for everyday use.

#### 2 Technology

##### Energy efficiency

The Refrigeration Technology division at REMIS sells:

*Glass covers for freezer chests, freezer islands, refrigeration shelves and combined shelf/chest units.*

REMIS uses specially coated glass for its covers which reflects heat radiation, thus saving up to 50% energy compared with uncovered chests. This has been documented in numerous tests and scientific studies.

A 15 cm static air cushion forms between the cover and the frozen produce to provide heat insulation. The frozen produce below is stored at -22 degrees, with a very low flow of air wafting over it. When retrofitting units, REMIS technicians optimise the air flow to ensure that low flow is achieved and the air cushion remains undisturbed. The professional modification of the refrigeration technology is crucial to the success of the measure.

Insulating glass is used on refrigeration shelves since there is no possibility to create a static air cushion. Applying the low e coating to both panes of glass – facing the refrigerated produce – ensures the best possible energy savings.

The impacts of the warmth in the ambient air can be reduced by about 50%.

## **Cost efficiency**

Various scientific studies (e.g. Kauffeld study, Kassel University) have shown that glass covers on refrigeration units offer a higher return on investment than any other energy-saving measures in the food trade. The investments have a payback period of about 2.5 years. Please also refer to the 'Energy-saving potential of refrigeration unit covers' special analysis published in the 'Comparative evaluation of the climate relevance of refrigeration systems and appliances for supermarkets' research report issued by the Federal Environmental Agency (published in Climate Change, 12/2008).

REMIS products are subjected to careful in-house testing procedures. In 2001, the Institute for electrical energy technology - efficient energy conversion (Institut für elektrische Energietechnik Rationelle Energiewandlung (IEE\_RE) at Kassel University optimised the results using practical studies under the leadership of Prof. Dr.-Ing. Jürgen Schmid.

Produce safety is a further substantial benefit offered by glass covers. They guarantee stable temperatures for the refrigerated produce and thus ensure more safety for both traders and customers.

## **3 Products**

### **Product range**

The following components are offered under the REMIS brand:

Glass covers for chests, doors and sliding doors for shelves, frame systems with integrated lighting and marking systems. REMIS also offers curved glass covers for freezer chests. All of the components are perfectly matched to each other in terms of both technology and appearance and are customised to the specific requirements of the customers.

Integrated lighting can be supplied, if required, and is available as an optional feature in a choice of designs (including energy-saving LED lighting).

The products comply with the highest quality and service guidelines and are ISO 9001:2008 certified.

REMIS is an internationally registered trademark both in Germany and abroad (USA and many other countries).

### **Service**

REMIS is proud of its reliable international after-sales service. The company also makes sure its service and warranty performance is as good as possible. By very carefully selecting its suppliers, REMIS ensures that warranty rights are extended over several years. The durability and efficiency of the products are assured by the consistent implementation of the quality standards adopted by REMIS and by the provision of products offering excellent value for money, and help to preserve the value of the other refrigeration components.

REMIS can draw on more than 35 years of experience in the field of refrigeration technology; it has been operating in the marketplace longer than virtually any other company.

As a manufacturer, REMIS ensures lasting investment certainty. Its services range from comprehensive consulting to the design of individual systems right up to a delivery service that covers all of Europe.

Covers made by REMIS fit on virtually any refrigeration unit that is available on the market.

## 4 History/Staff

The company was founded in Cologne in 1974 by refrigeration engineer Paul Isfort. What started out as a small team has meanwhile become a workforce of some 440 employees around the world (as of May 2010) . The progressive growth of the company prompted REMIS to install a production facility in Gronau-Epe near Cologne in 1978. Since then, production has been gradually expanded over the years, with the most recent expansion project completed in 2003.

Managing Director: Paul Isfort

## 5 Sites

### Headquarters:

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1. Cologne:

a. Customised product solutions

- b. Prototyping
- c. Zero series production
- d. Series production & retrofits: glass products

2. Epe:

- a. Mobile products
- b. Glass doors for wall-mounted refrigeration shelves
- c. Horizontal covers: ecoline t and ecoline push
- d. Series production & retrofits: glass and mobile products

**Sales offices in:**

**Europe**

Austria, Benelux, Czech Republic, Denmark, Estonia, France, Great Britain, Hungary, Ireland, Italy, Latvia, Lithuania, Norway, Poland, Portugal, Spain, Sweden, Switzerland, Turkey, Ukraine

**America**

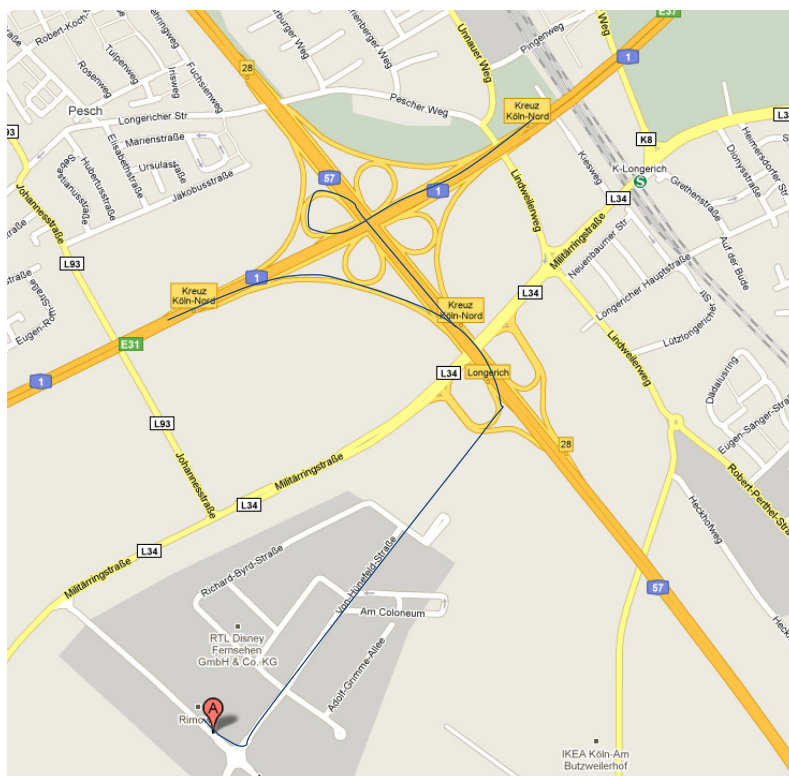
**Russia**

**Australia**

**6 Location, directions**

The headquarters of REMIS GmbH are located at Mathias-Brüggen-Strasse 67-69 in 50829 Cologne-Ossendorf.

Coming by car, leave the A1 at the 'Köln-Nord' junction onto the A57 towards 'Zentrum', take the very next exit 'Longerich/Butzweilerhof' and continue straight onto Von-Hünefeld-Strasse. Take the right exit at the roundabout onto Mathias-Brüggen-Strasse. REMIS GmbH is located on the left.



## **7 Contacts**

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## **8 Additional information**

[www.remiglas.de](http://www.remiglas.de)

<http://www.remisamerica.com>

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