

# REMIS insulating glass doors



Product catalogue 2020/2021

# Pioneer, developer and forward thinker

Whether for refrigerated wall multi-decks or refrigeration and chest freezers, with REMIS you get more than 40 years of experience in the development of radiation-resistant materials, attractive, low-resource and flexibly adjustable covers for all standard refrigeration cabinet types.

REMIS glass covers and insulating glass doors are an investment in cost effectiveness, climate protection customer acceptance and the future!

## Attractive and contemporary

REMIglas enables premium, modern and cost-effective goods displays. With REMIglas you can offer your customers optimally refrigerated products. The appealing design of the easy-to-use glass covers results in an attractive look and an inviting shopping atmosphere.

## Profitable and climate-friendly

With REMIglas you can save up to 77% of refrigeration costs. This lowers CO<sub>2</sub> pollution and your costs. Moreover, it enables you to actively support climate protection which, in turn, has a positive effect on your reputation. The glass covers pay for themselves within a short space of time thanks to reduced electricity expenses.

**A worldwide patent application has been filed for transparent spacer**  
and already issue in: USA, China, Australia, Japan, Canada and Mexico\*



# Discover the world of REMIS

**REMIglas - insulating glass door product overview** ..... 4 - 5

## **Glass doors for refrigerated wall multidecks**

- **SafeFlex:** Maximum flexibility for individual requirements..... 6 - 7
- **Safe TTplus:** High-transparency insulating glass hinged door for a crystal clear view ..... 8 - 9
- **Safe Tplus:** High-transparency insulating glass hinged door for an unobstructed view ..... 10 - 11
- **ShelfFlex:** Automatically closing glass sliding door for refrigerated multidecks ..... 12 - 13
- **ShapeFlex Curve:** Elegant insulating glass sliding door with curved panes ..... 14 - 15
- **ShapeFlex Flat:** Elegant insulating glass sliding door with flat panes ..... 16 - 17

**Product comparison and technical data** ..... 18 - 19



# REMIS - product overview

## INSULATING GLASS DOORS

- Opening mechanism
- Glazing
- Profile /Spacer material
- Catalogue pages



### SafeFlex

Hinged door  
Insulating glass 22 mm  
Transparent glass  
6 - 7

Tested for maximum break resistance by pendulum impact as per DIN EN 12600



### ShelfFlex

Sliding door  
Insulating glass 22 mm  
Transparent glass  
12 - 13

- Opening mechanism
- Glazing
- Profile /Spacer material
- Catalogue pages

\* Energy savings as per DIN EN 23953 and also depending on the refrigeration cabinet type, refrigeration system, and number of times the cabinet is opened etc.



### Safe TTplus

Hinged door  
 Insulating glass 22 mm  
 Transparent glass  
 8 - 9



### Safe Tplus

Hinged door  
 Insulating glass 22 mm  
 Black profile frame  
 10 - 11



### ShapeFlex Curve

Semi-height sliding door  
 Insulating glass 16 mm  
 Black profile frame  
 14 - 15



### ShapeFlex Flat

Semi-height sliding door  
 Insulating glass 16 mm  
 Transparent glass or black profile frame  
 16 - 17

# Glass doors for refrigerated wall multidecks: SafeFlex\*

## The advantages at a glance

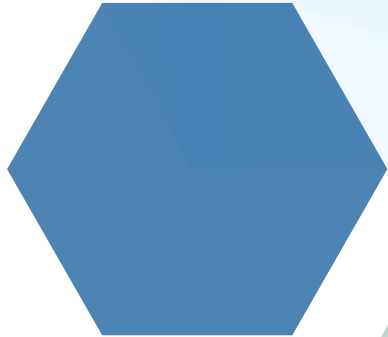
- Uniform door -> customised use
- Minimum spare parts requirements since, for example, the right door can also be used on the left
- Can be installed in the opening or without a canopy panel up to the top of the cabinet
- Can be customised to meet your specifications



\* For technical information, see pages 18-19

\*\* As per DIN EN 23953 and also depending on the refrigeration cabinet type, refrigeration system, and number of times the cabinet is opened etc.

\*\*\* Patent number worldwide: WO2014009244A1; USA: US 14/413,707; China: CN 104508411B; Australia: AU 2013289314; Japan: 6574132, Canada: 2,878,788, Mexico: MX 357074B



**A worldwide patent application has been filed for transparent spacer**  
and already issue in: USA, China, Australia, Japan, Canada and Mexico\*\*\*

# Glass doors for refrigerated wall multidecks: Safe TTplus\*

## The advantages at a glance

- Maximum transparency with glass spacers
- Maximum energy savings -> Low-e (R 1.1\*)
- We also offer complete systems for cold stores:  
Energy-saving glass doors and efficient goods displays from a single source. Contact us!

55%  
up to 77%  
ENERGY SAVINGS

in the „Comfort“ version  
with glass spacer

\* For technical information, see pages 18-19

\*\* As per DIN EN 23953 and also depending on the refrigeration cabinet type, refrigeration system, and number of times the cabinet is opened etc.

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and already issue in: USA, China, Australia, Japan, Canada and Mexico\*\*\*



# Glass doors for refrigerated wall multidecks: Safe Tplus\*

## The advantages at a glance

- Maximum transparency thanks to narrow glass surround
- Even refrigeration
- We also offer complete systems for cold stores:  
Energy-saving glass doors and efficient goods displays from a single source. Contact us!





# Glass doors for refrigerated wall multidecks: ShelfFlex\*

## The advantages at a glance

- Ideal for narrow aisles as the sliding system saves space
- Closes automatically at an ideal speed
- Modern goods displays, ideal visibility and even refrigeration



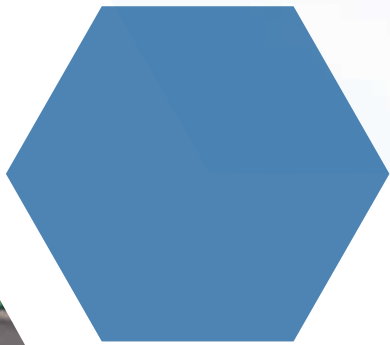
*in the version „Comfort“ with glass spacer or „Basic“ with black profile frames*

\* For technical information, see pages 18-19

\*\* As per DIN EN 23953 and also depending on the refrigeration cabinet type, refrigeration system, and number of times the cabinet is opened etc.

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**A worldwide patent application has been filed for transparent spacer  
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# Glass doors for half-height shelves: ShapeFlex Curve\*

## The advantages at a glance

- Large opening width, easy to use and clean
- Dynamic, premium design for inviting goods displays
- No condensation formation and high energy savings thanks to insulating glazing





# Glass doors for half-height shelves: ShapeFlex Flat\*

## The advantages at a glance

- Large opening width, easy to use and clean
- Dynamic, premium design for inviting goods displays
- No condensation formation and high energy savings thanks to insulating glazing



in the version „Comfort“ with glass spacer or „Basic“ with black profile frames

\* For technical information, see pages 18-19

\*\* As per DIN EN 23953 and also depending on the refrigeration cabinet type, refrigeration system, and number of times the cabinet is opened etc.

\*\*\* Patent number worldwide: WO2014009244A1; USA: US 14/413,707; China: CN 104508411B; Australia: AU 2013289314; Japan: 6574132, Canada: 2,878,788, Mexico: MX 357074B





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and already issue in: USA, China, Australia, Japan, Canada and Mexico\*\*\*

# Product comparison

## Glass doors for refrigerated wall multidecks

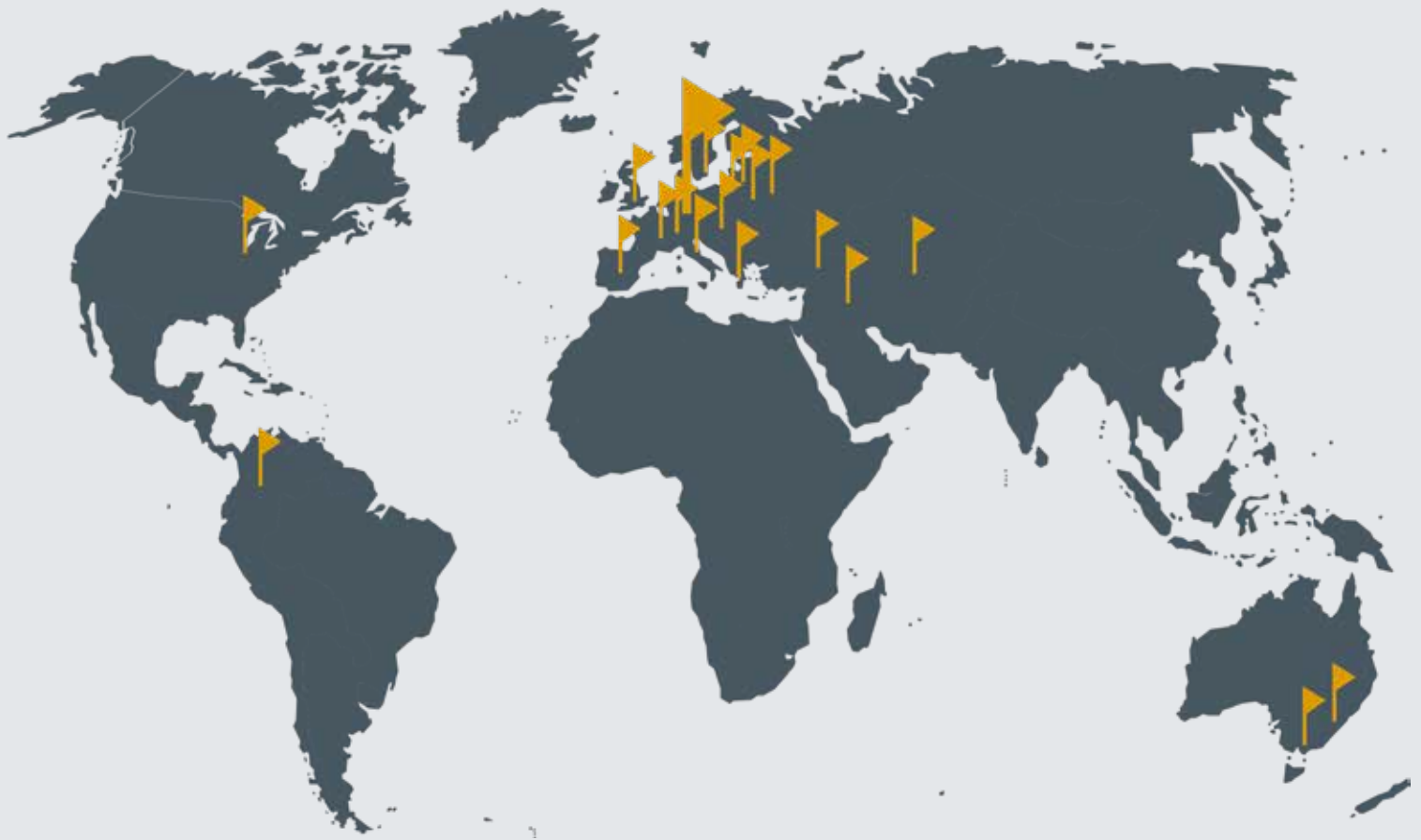
Technical data	SafeFlex	Safe TTplus	Safe Tplus
<b>Profiles / Colours</b>	Door profiles top/bottom in <b>RAL 7016</b>	Door profiles top/bottom in <b>RAL 7004</b> <b>RAL 7016</b>	Frame and door profiles in <b>RAL 7004</b> <b>RAL 7016</b>
<b>Handles</b>	Plastic handle black or metal handle in stainless steel look	Plastic handle black or metal handle in stainless steel look	Plastic handle black or metal handle in stainless steel look
<b>Adjustment</b>	plus assembly kit		
<b>Frame height*</b>	1000 - 2000 mm	1200 - 2000 mm	1200 - 2000 mm
<b>Module length/width*</b>	Length on base 625 mm grid 1250 - 1875 - 2500 - 3750 mm	Standard: 1250 mm, 625 mm, other grid lengths possible	Standard: 1250 mm, 625 mm, other grid lengths possible
<b>Cabinet design</b>	straight side wall, flush with front edge of cabinet (no bumper), no gap to frame, internal lighting in canopy*		
<b>Lightning</b>	LED - vertical and horizontal available in 2 standard colours: neutral white and flesh colour. Other colours on request.		
<b>Required cabinet condition</b>	perpendicular and level, without damage		
<b>Standardised pane version</b>	ESG pane with double insulating glazing and 1x low-e coating (Comfort with glass spacer)	ESG pane with double insulating glazing and 1x low-e coating (glass spacer)	ESG pane with double insulating glazing and 1x low-e coating
<b>Optional pane version</b>	3x Antireflex + 1x Low-e (Ug 1,1), 4x Antireflex (Ug 2,6)		
<b>Glass structure***</b>	22 mm insulating glass: Single-pane safety glass 4 mm; Pane clearance 14 mm argon gas; Single-pane safety glass 4 mm		
<b>Heat transfer (EN 673) Ug value***</b>	1,1 W/m <sup>2</sup> K	1,1 W/m <sup>2</sup> K	1,1 W/m <sup>2</sup> K
<b>Condensation forms at 60% r. h and a room temperature of:***</b>	+ 30,5° C**	+ 30,5° C**	+ 30,5° C**
<b>Dew point***</b>	+ 21,6° C**	+ 21,6° C**	+ 21,6° C**
<b>Emissivity***</b>	0,03	0,03	0,03
<b>Total reflection***</b>	13 %	13 %	13 %
<b>Transparency***</b>	80 %	80 %	80 %
<b>Climate class</b>	3M1 (25° C / 60 % r. F. / -1° C up to +5° C)	3 (25° C / 60 % r. F. / from 4° C)	3M1 (25° C / 60 % r. F. / -1° C up to +5° C)
<b>Closing system</b>	Less than 90° automatically closing; with opening limiter	Less than 90° automatically closing	Less than 90° automatically closing
<b>Energy savings</b>	<b>50 - 77 %</b>	<b>50 - 77 %</b>	<b>50 - 77 %</b>

\* Other designs and states possible for an additional charge

\*\* As per DIN EN 23953 and also depending on the refrigeration cabinet type, refrigeration system, and number of times the cabinet is opened etc.

\*\*\* The values refer to the standard pane version

ShelfFlex	ShapeFlex Curve	ShapeFlex Flat
Door profiles in <b>RAL 7016</b>	Frame profile from anodised aluminium; Pane surround in <b>RAL 9005</b>	Frame profile from anodised aluminium; Pane surround in <b>RAL 9005</b>
Handle <b>RAL 7004</b>	Narrow handles in <b>RAL 9005</b>	
plus assembly kit		
1200 - 2000 mm	500 - 1600 mm	
Standard: 1250 mm, 937 mm, other grid lengths possible (1875 - 4-door)	Length on base 625 mm grid. 1250 - 1875 - 2500 - 3750 mm; other grid lengths possible	
straight side wall, flush with front edge of cabinet (no bumper), no gap to frame		
LED - vertical and horizontal: neutral white and flesh colour. Other colours on request.	LED - lighting	
perpendicular and level, without damage	perpendicular and level, without damage with functioning heaters	
ESG pane with double insulating glazing and 1x low-e coating		
3x Antireflex + 1x Low-e (Ug 1,1) 4x Antireflex (Ug 2,6)	3x Antireflex + 1x Low-e (Ug 1,7) 4x Antireflex (Ug 2,6)	
22 mm insulating glass: Single-pane safety glass 4 mm; Pane clearance 14 mm argon gas; Single-pane safety glass 4 mm	16 mm insulating glass: 4 mm ESG; 8 mm argon gas; 4 mm ESG	
1,1 W/m <sup>2</sup> K	1,7 W/m <sup>2</sup> K	
+ 30,5° C**	+ 29,5° C**	
+ 21,6° C**	+ 20,5° C**	
0,03		
13 %		
80 %		
3M1 (25° C / 60 % r. F./ -1° C up to + 5° C)		
self-closing, soft-close, door holder	manually	
<b>50 - 77 %</b>	<b>45 - 50 %</b>	<b>45 - 50 %</b>



# REMIS

**REMIS GmbH**

Mathias-Brueggen-Str. 67-69  
D-50829 Cologne

Tel.: +49 (0)221 / 7 88 80 - 0

Fax: +49 (0)221 / 7 88 80 - 249

**Internet: [www.remis.de](http://www.remis.de)**

**Mail: [remis@remis.de](mailto:remis@remis.de)**