



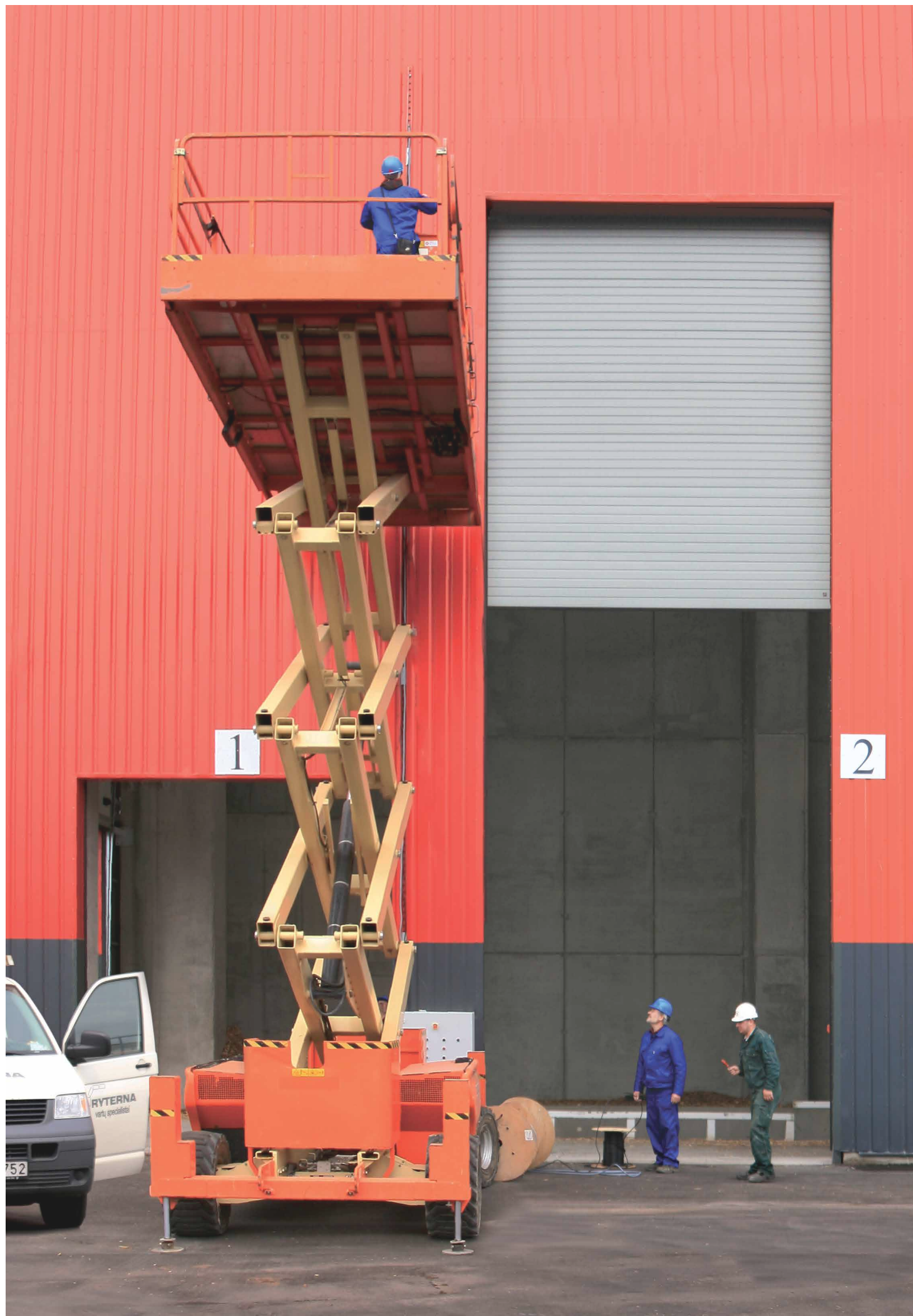
INDUSTRIAL DOORS





Content

INTRO	5
TLP40 RIB	7
TLP40 MACRORIB	9
GLAZING OPTIONS	11
WICKET DOORS	13
SIDE DOORS	15
TLP40 FULL VIEW	17
TLP40 FULL VIEW THERMO	19
TLT40	21
TLP80 ULTRA THERMO	22
TLP80 FULL VIEW ULTRA THERMO	23
ROLL-UP	24
ROLL-ZIP	25
TRACKS	26
MATCH THE STYLE	31
ISFD SIDE SLIDING FRAMED DOORS	32
ISSD SIDE SLIDING SECTIONAL DOORS	33
ISH2 INDUSTRIAL SIDE HINGED DOORS	34
PANEL OPTIONS	35
TAILORED ENGINEERING	35



Industrial doors built to serve

RYTERNA manufactures several types of industrial doors. Each door is built precisely for its intended purpose. Durability and performance are key factors, but we also prioritise door aesthetics. The appearance of your industrial surroundings is important.

We specialise in designing and manufacturing large-size special doors of various types. Each case is unique, and we are ready to help you choose the right type of door to achieve the best performance.

With over 30 years of experience in sectional door manufacturing, we have developed a wide product range, from robust design, materials, insulation, and hardware to fast delivery and reliable service.

Numerous sectional door manufacturing facilities, equipped with continuous production lines, supply sectional door products across Europe. For further information on our product range, please contact your nearest RYTERNA distribution office, where a member of our staff will be happy to assist you with any inquiries.

Variety. We offer a vast range of panel designs. RYTERNA provides a standard panel range, as well as many exclusive and unique designs, to meet the most demanding requirements.

Tailored. Each RYTERNA door is tailor-made to the exact dimensions of your opening, ensuring the door is manufactured according to your specifications at no extra cost.

Quality & Safety. We operate in accordance with EN ISO 9001:2015 quality standards. Our products are tested to meet CE requirements in accordance with standard EN 13241-1 and include anti-pinching panels and hardware, spring brake safety devices, and other equipment to ensure safe operation. The RYTERNA quality system, along with years of experience, helps us produce top-of-the-line sectional doors.

Insulation. RYTERNA sectional door panels are made of double-skin, zinc-coated, primed, and painted steel filled with 40 or 80 mm PU foam. Tight weather-sealing all around the door provides efficient thermal insulation.

Delivery. All doors are delivered by the RYTERNA fleet. Firm and easy-to-handle packing significantly reduces the risk of damage until the moment of fitting.





TLP40 Rib

Rib panel surfaces have a standard stucco pattern.

Double steel skin, 40 mm thick, PU insulated panels provide good thermal insulation. Standard panel heights are 500 mm and 610 mm. Sections of this type can be used in doors up to 50 square metres.

The 10 cm high horizontal ribs give the door a lightweight look and extra sturdiness at the same time.

TLP40 Rib doors are available in 12 standard colours, with any other RAL palette colour available upon request.



*RAL 9005 in Woodgrain only.





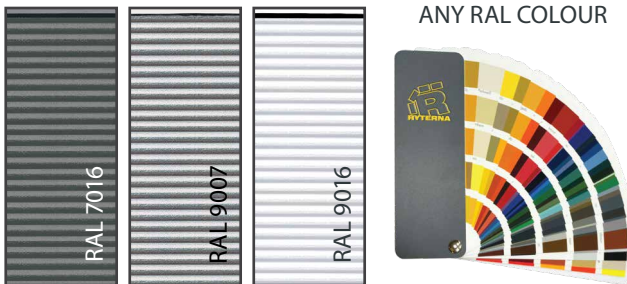
TLP40 Macrorib

Macrorib panel surfaces have a standard Stucco pattern.

The surface of a Macrorib door is Stucco-embossed and formed in soft waves, every 10 mm. This modern-style door is visually appealing and suitable for industrial architecture.

Standard panel heights are 500 mm and 610 mm.

Macrorib doors come in standard RAL 7016, RAL 9007, and RAL 9016, or they can be painted in any RAL colour.





Glazing options



- Rectangular window
- Black plastic frame
- Double acrylic glazing.
- Dimensions: 637x334 mm



- Rectangular window
- Black plastic frame
- Double acrylic glazing
- Dimensions: 610x203 mm



- Oval window
- Black plastic frame
- Double acrylic glazing
- Dimensions: 665x345 mm



- Decorative round window
- Stainless steel frame
- Safety glass
- Diameter: 310 mm; 230 mm; 150 mm



- Decorative round window
- Stainless steel frame painted RAL colours
- Safety glass
- Diameters: 310 mm; 230 mm; 150 mm



- Decorative square window
- Stainless steel frame
- Double safety glass
- Dimensions: 314x314 mm; 234x234 mm; 154x154 mm



- Decorative rectangular window
- Stainless steel frame
- Double safety glass
- Dimensions: 804x154 mm





Wicket doors

When an additional entrance is required and there is no space for a side door, a **wicket door** could be an option. As standard, wicket doors are supplied with a door closer, lock, and handle. You can choose either a standard version or one with a low threshold, which is more convenient to pass through.

Standard opening sizes are 800 mm wide and 1900–2300 mm high, depending on the door layout. The maximum wicket door opening width is 1200 mm (consult the manufacturer about the possibility for wider doors).

The pass door in a TLP40 door is factory pre-assembled with a lock and sliding door closer.

Options with a magnetic or mechanical pass door closure switch and various anti-panic lock options are factory pre-installed upon request.

Pass doors can be made of double-skinned sandwich panels or full-vision aluminium panels.

For additional security, a 3-point lock is optional.

STANDARD HANDLE COLOUR – SILVER
BLACK AND WHITE – ON REQUEST



ANTI-PANIC LOCK



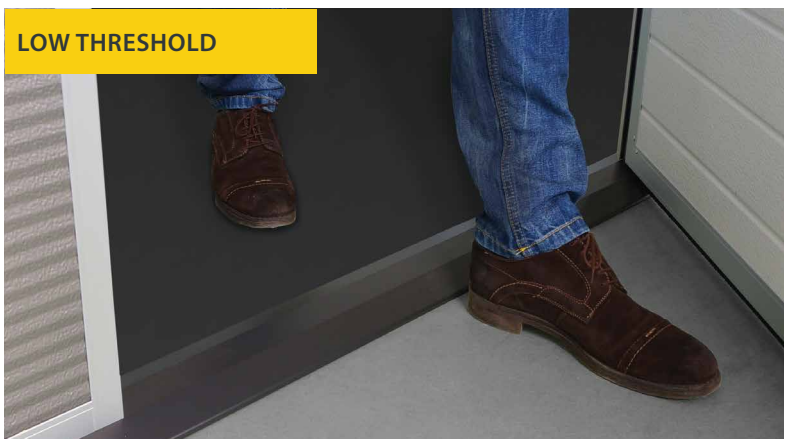
ANTI-PANIC LOCK WITH PUSH BAR



STANDARD THRESHOLD

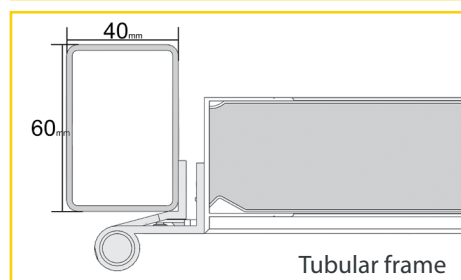
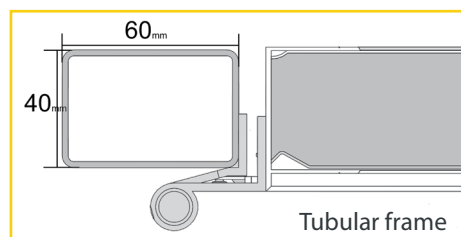
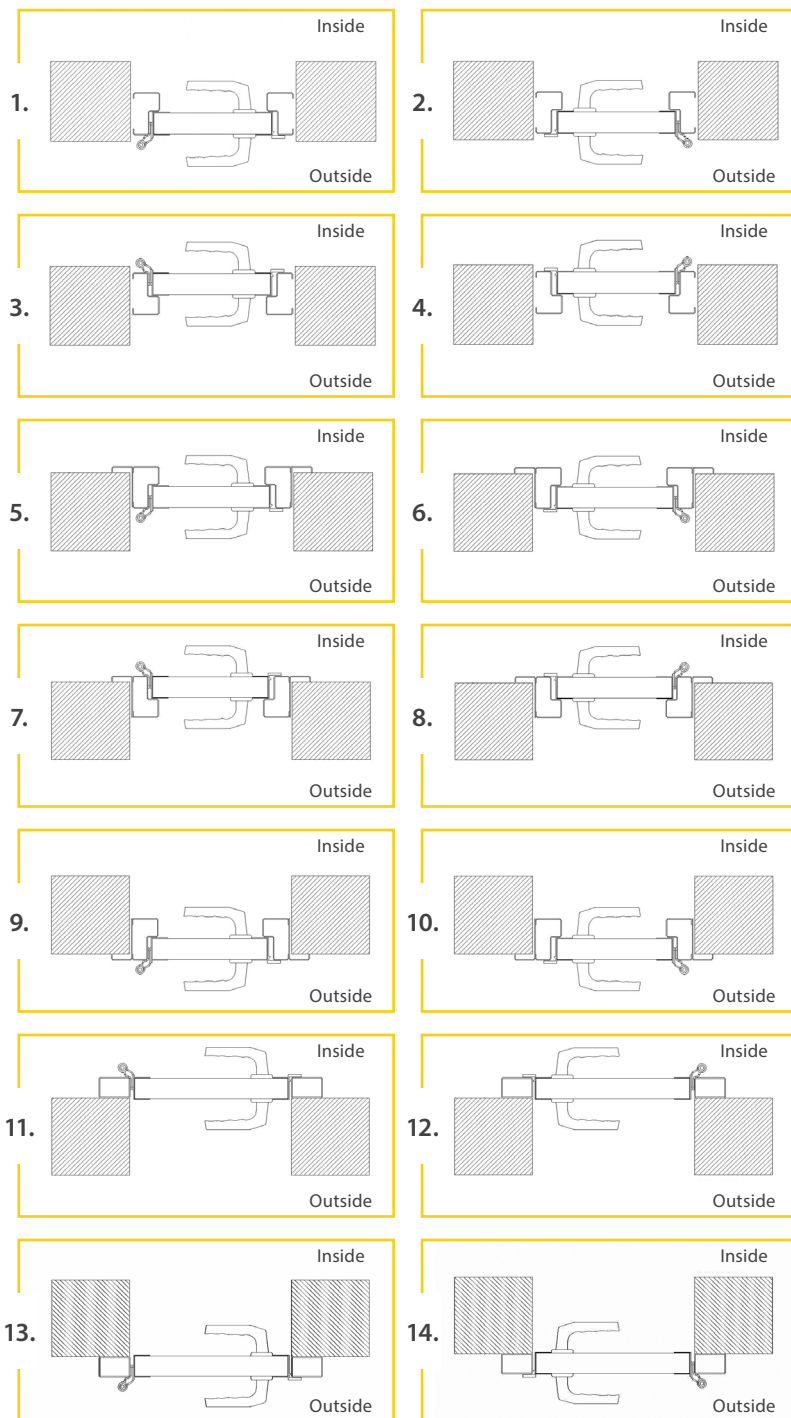


LOW THRESHOLD





SIDE DOOR FITTING AND OPENING OPTION

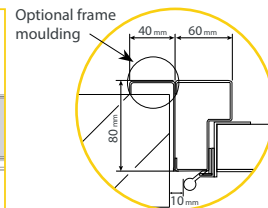
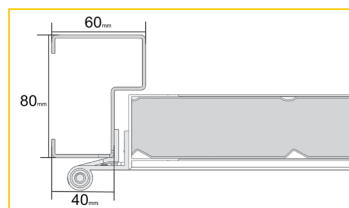


3-POINT LOCK



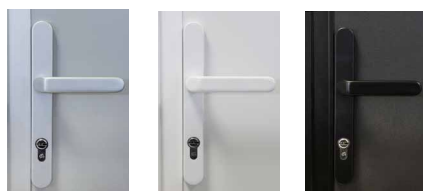
Side doors

Side doors are designed to match the style and specifications of the panels, including aluminium frames and glazing.



Frame dimensions with moulding

**STANDARD HANDLE COLOUR – SILVER
BLACK AND WHITE – ON REQUEST**



ANTI-PANIC LOCK / ANTI-PANIC LOCK WITH PUSH BAR

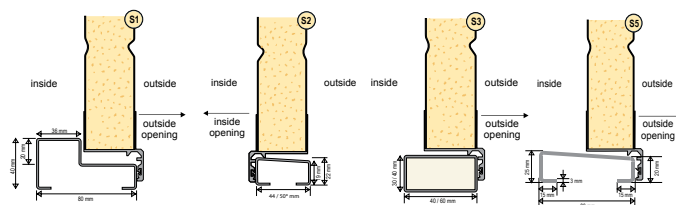


SELF CLOSING HINGES

FRAME MOULDINGS



SIDE DOORS THRESHOLD





TLP40 full view

FV-standard



TLP40-FV door panels feature anodised aluminium frames glazed with double acrylic glass as standard. Aluminium profiles can be painted in any colour, including metallic finishes.

Optionally, you can choose from acrylic, anti-scratch, tinted, matt, or safety glass.

The standard for TLP40 full view doors is a white sandwich-type bottom panel. A glazed or sandwich-filled bottom panel is optional.



Natural safety glass

Standard clear acrylic

Clear anti-scratch

Tinted

Matt





TLP40 full view

Thermo



Aluminium profiles with a thermal break significantly increase the insulation value of panoramic sectional door panels. FV Thermo doors come standard with double panes of acrylic glazing or double anti-scratch glazing.

Optional tinted glazing offers improved thermal performance.





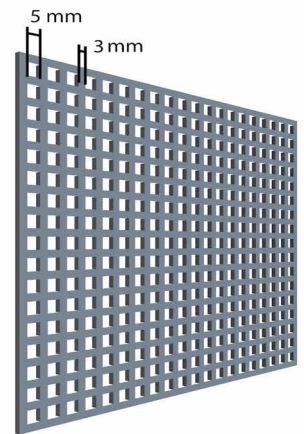
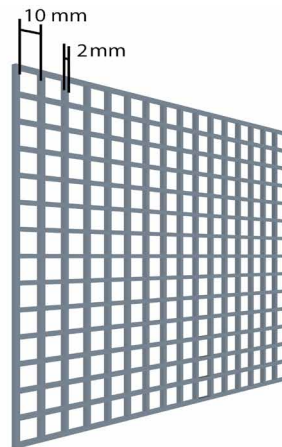
TLT40



TLT40 sectional doors are designed for premises that require intensive ventilation, such as underground garages and car parks. The aluminium frame with perforated, galvanised, and coated steel sheets or perforated aluminium fillings (only 10x10) provides the necessary airflow.

We offer grilles with two hole sizes: 5x5 mm with approximately 40% air permeability and 10x10 mm with approximately 70% air permeability.

The number of perforated panels, both in the door and side doors, can vary depending on the airflow requirements.



TLP80

Ultra Thermo

Ultra Thermo industrial doors are designed and manufactured to conserve thermal energy in heated or refrigerated premises. A thermal break between the inner and outer steel surfaces, along with 80 mm thick high-density polyurethane insulation, provides excellent thermal performance, with a thermal resistance value of up to $0.5 \text{ W/m}^2 \text{ K}$.

The thermal insulation of triple-glazed acrylic windows is equal to the panel of sandwich.



Triple acrylic glazing



TLP80 full view

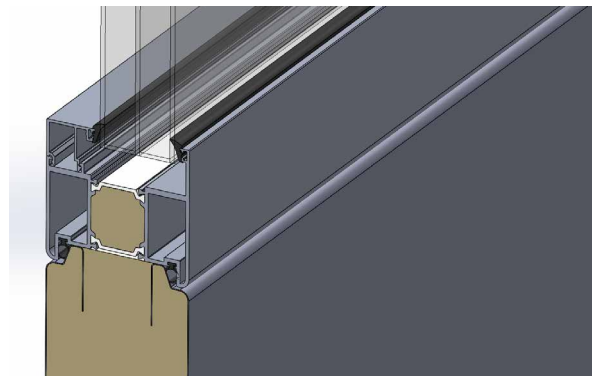
Ultra Thermo



80 mm thick aluminium profiles with 30 mm PU foam thermal break.

Made to measure up to:

- 6000 mm wide
- 5000 mm high
- U value = $2.0 \text{ W/m}^2\text{K}$



ROLL-UP

PVC high-speed door

High-speed doors are used to save energy and speed up work. The PVC curtain is made with aluminium reinforcement profiles, so it is resistant to impacts, and wind load. The doors and the drive are adjusted for precise and long-lasting operation.



ROLL-ZIP

PVC high-speed door

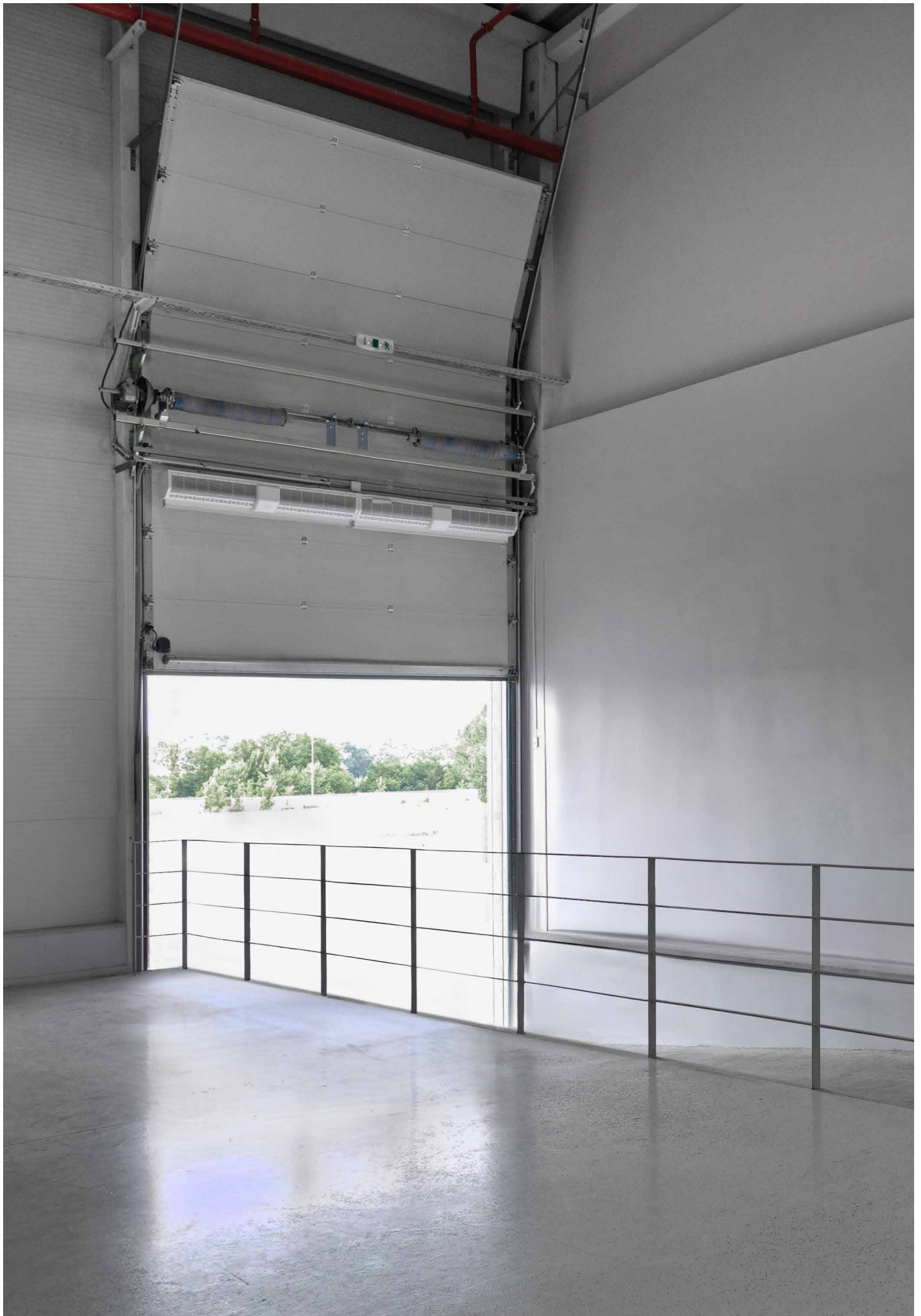
Roll-zip doors are suitable for installation in exterior and interior walls. Dimensions up to 4000x4000 are available. Non-standard sizes are possible. When the leaf is pushed out of the profile, as it rises upwards, it automatically returns to the track, and the doors can be used again without additional repair.



Tracks

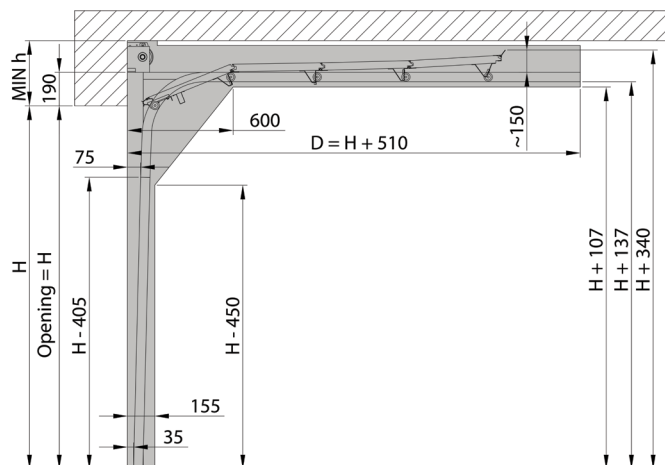
No matter how large your door or complex the building configuration is, we can offer tailored solutions for optimal performance.





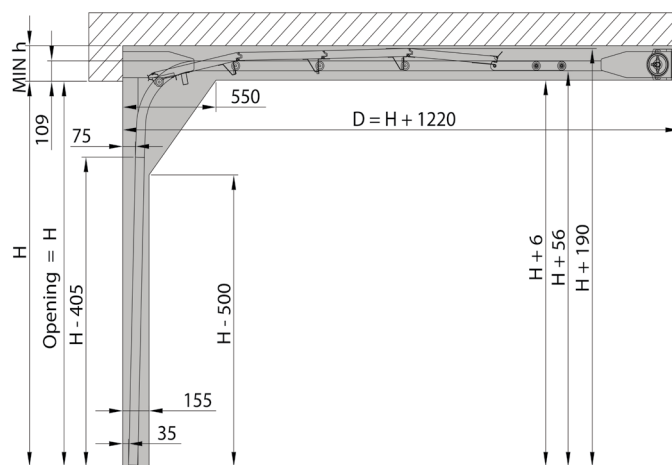
TLP40 STD

Standard



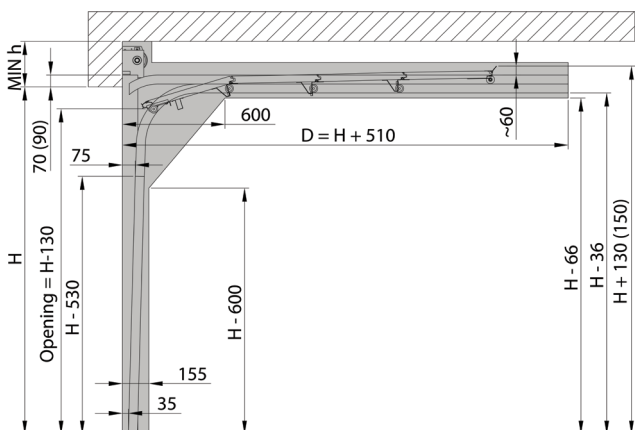
TLP40 STD RM

Standard, spring rear mounted



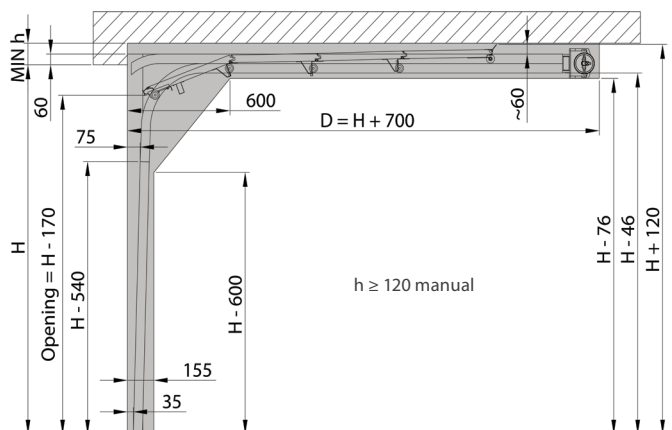
TLP40 LHR FM

Low headroom, spring front mounted



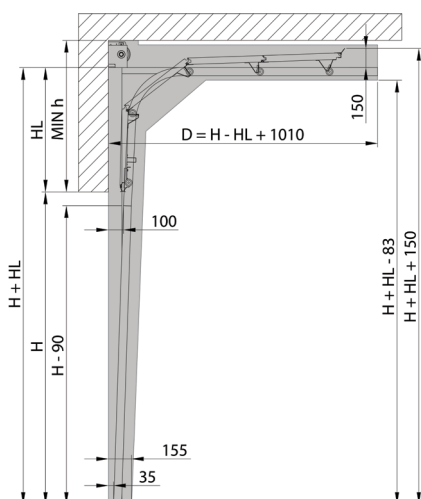
TLP40 LHR RM

Low headroom, spring rear mounted



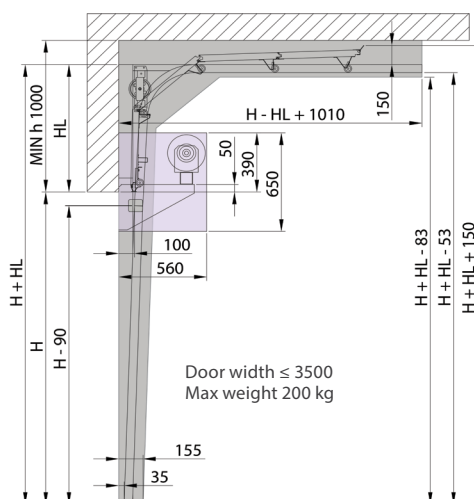
TLP40 HL

High lift



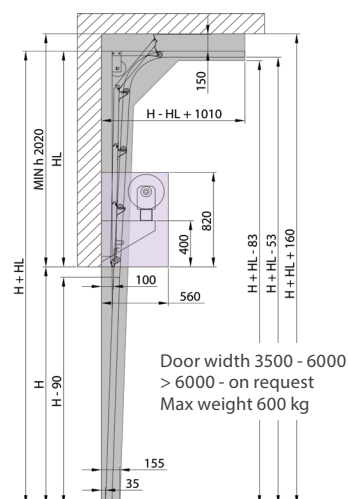
TLP40 HL MM1

High lift with console

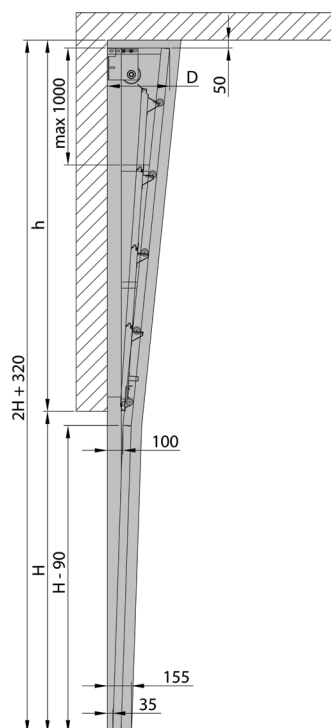


TLP40 HL MM2

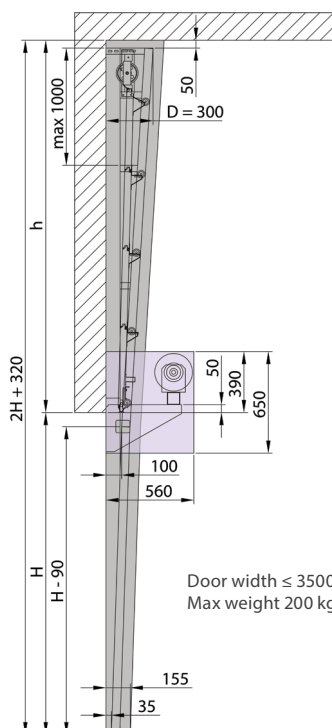
High lift with console



Vertical lift

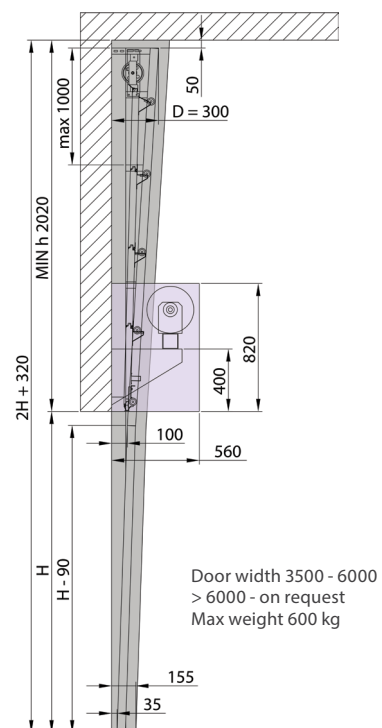


Vertical lift with console



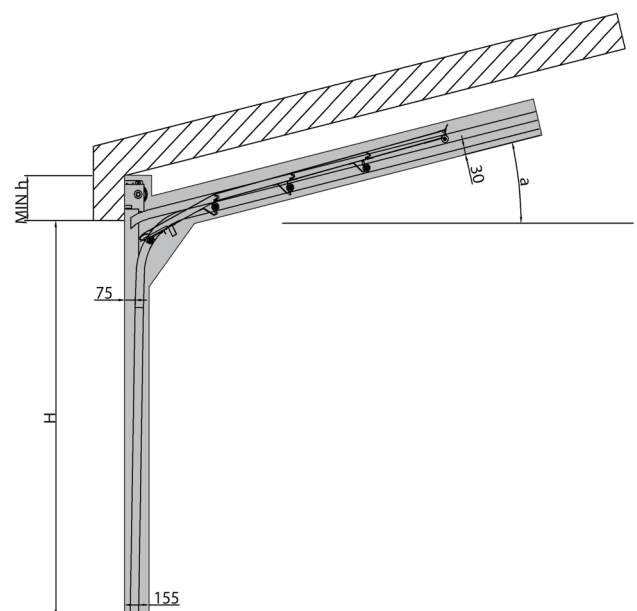
Door width ≤ 3500
Max weight 200 kg

Vertical lift with console

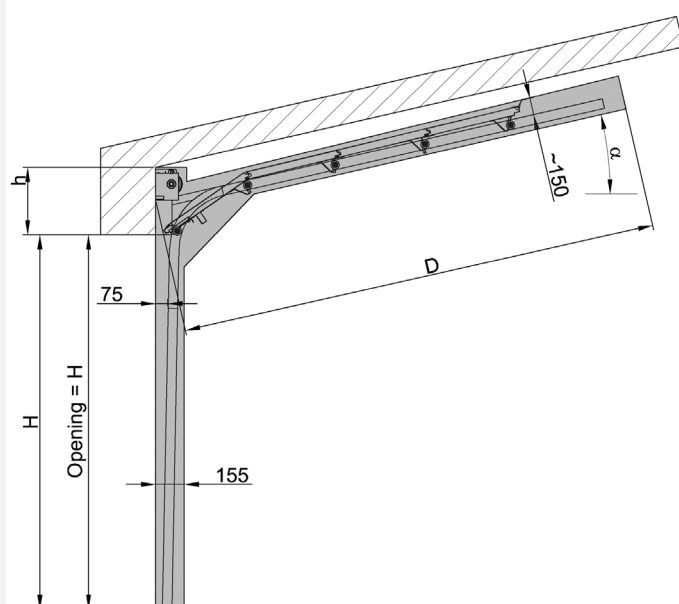


Door width 3500 - 6000
> 6000 - on request
Max weight 600 kg

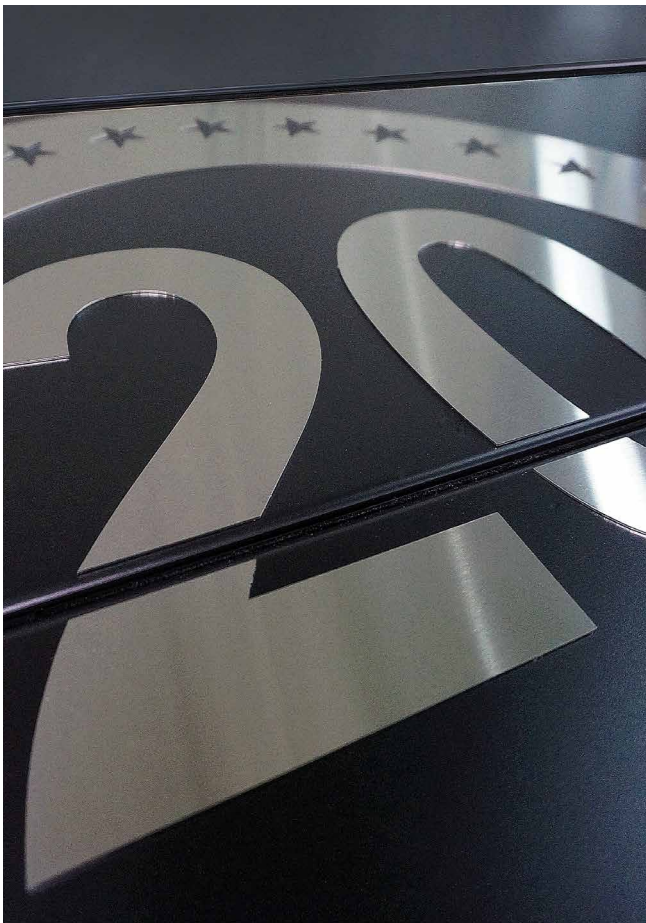
TLP40 LHR FM sloping roof



TLP40 STD sloping roof







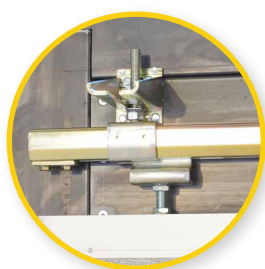
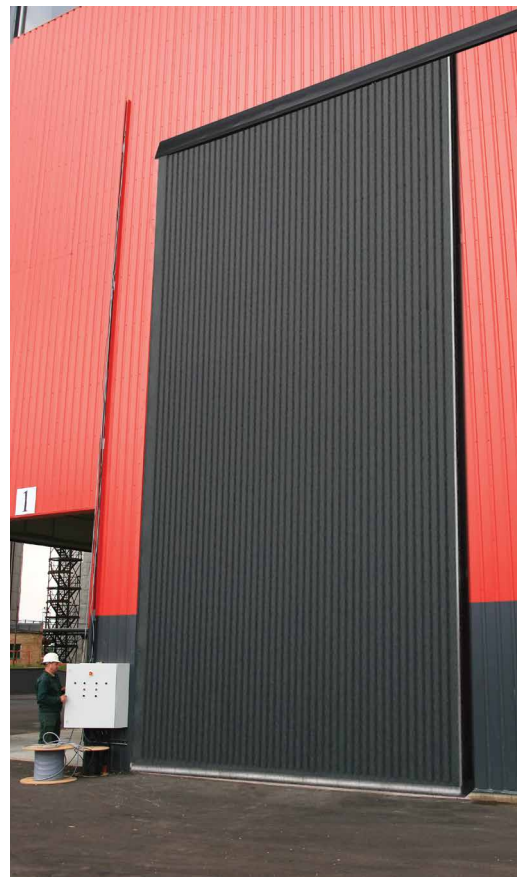
Match the style

In harmony with the surrounding architecture, we can offer a complete set of visual elements that will complement the overall style. The panel surface, colour, and painted decorative elements will match the style of the entire ensemble.



ISFD

Side sliding framed doors



Heavy-duty guide rails and carriages



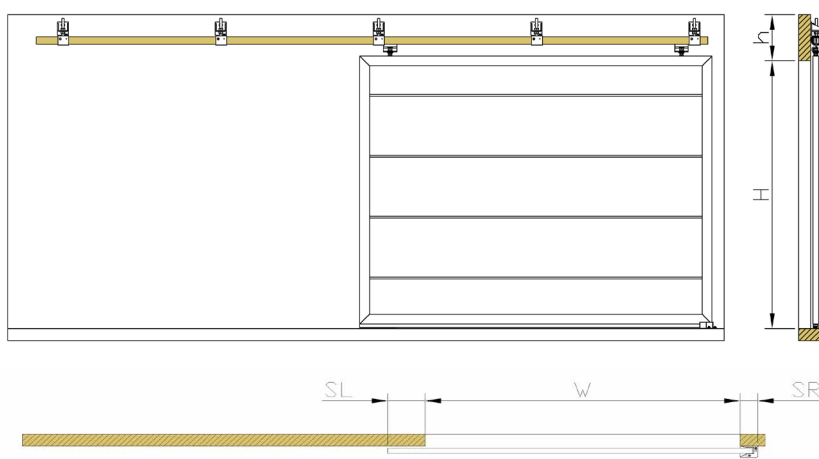
Side lock or floor lock options *on request



Inlaid handle



Solid bottom guide rollers



H / W	Max weight, kg	h, mm	SL, mm	SR, mm
3500x2500	170	200	150	140
4000x4000	300	280	300	140
>4000x4000	600	410	300	190
	1200	510	300	190



ISSD

Side sliding sectional doors

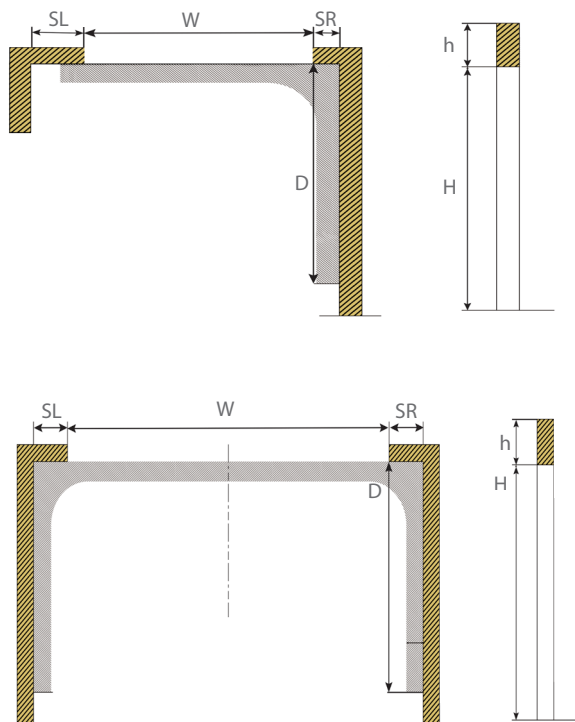
The vertical panel layout allows to build doors up to 30 metres wide and 15 metres high. A heavy-duty guiding rail and roller system ensures smooth and reliable operation.

The door moves sideways, keeping the space under the ceiling free for cranes and industrial equipment.

A custom-made bent guiding rail conforms to the perimeter walls so that the door occupies as little space as possible (the door is compatible with most electric drives). Pneumatic safety edges and infrared beam protective devices ensure safe operation.

A wicket door provides the opportunity to save energy costs. The narrow bottom supporting groove requires minimal maintenance and allows smooth passage for small trolleys and forklifts.

High wind load resistance enables installation in open and windy locations.



		Manual			
	H / W	h, mm	SL, mm	SR, mm	D, mm
One part	10000x8000	400	75	750	W
Two parts	20000x8000	400	750	750	W/2

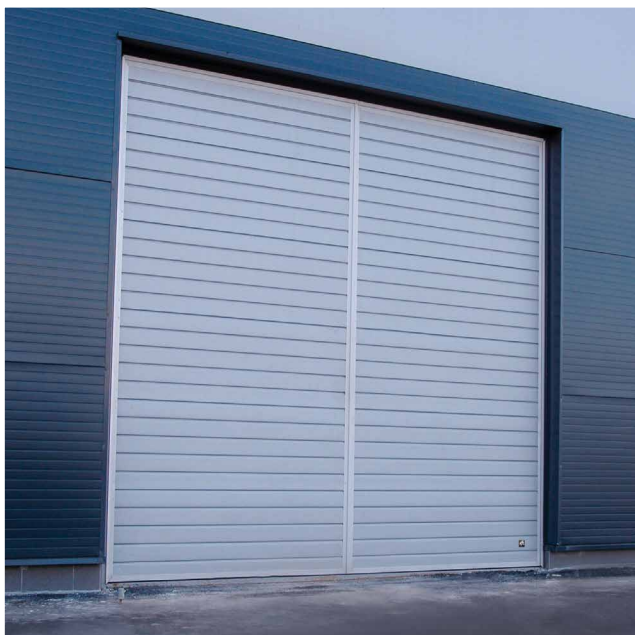
		Automated			
	H / W	h, mm	SL, mm	SR, mm	D, mm
One part	10000x8000	1100	300	1750	W-1000
Two parts	20000x8000	1100	1750	1750	W/2-1000



ISH2

Industrial side hinged doors

Industrial side hinged doors could be the perfect choice where conventional industrial doors can't be installed. They are mainly used in agriculture, workshops, storage spaces, and large garages. Insulated and reinforced leaves, a steel frame, and heavy-duty hinges ensure high durability and excellent performance. Standard sizes are available up to 5x5 metres; for larger sizes, consult the manufacturer.

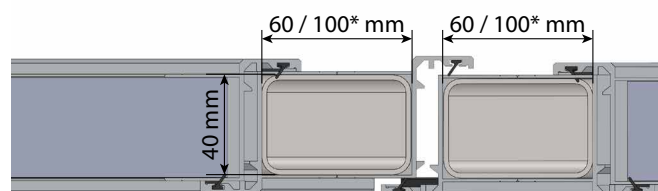
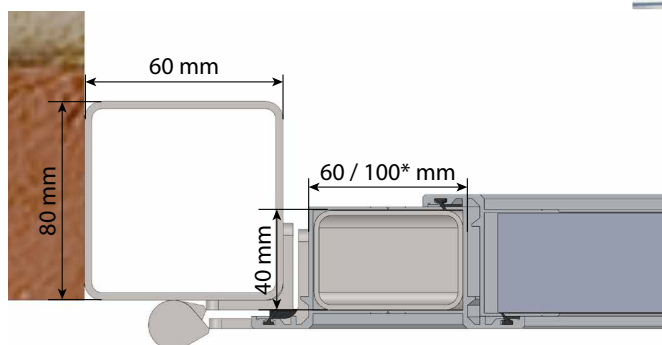
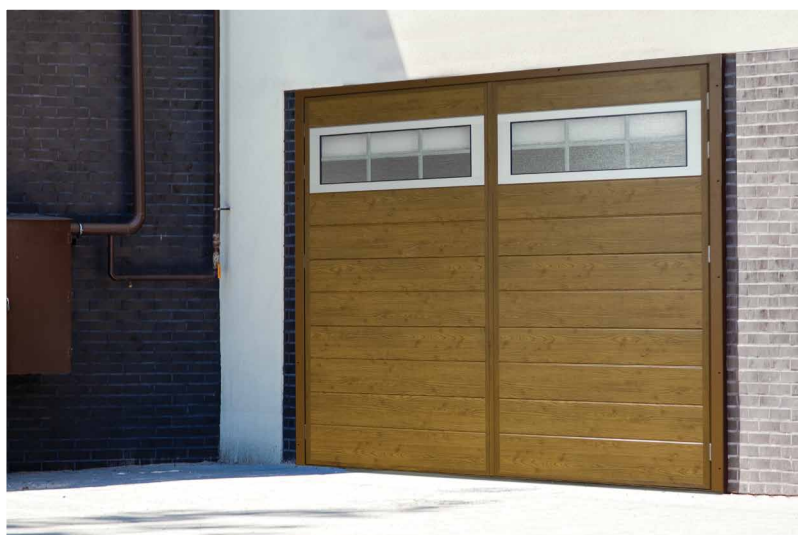


STANDARD OPTIONS:

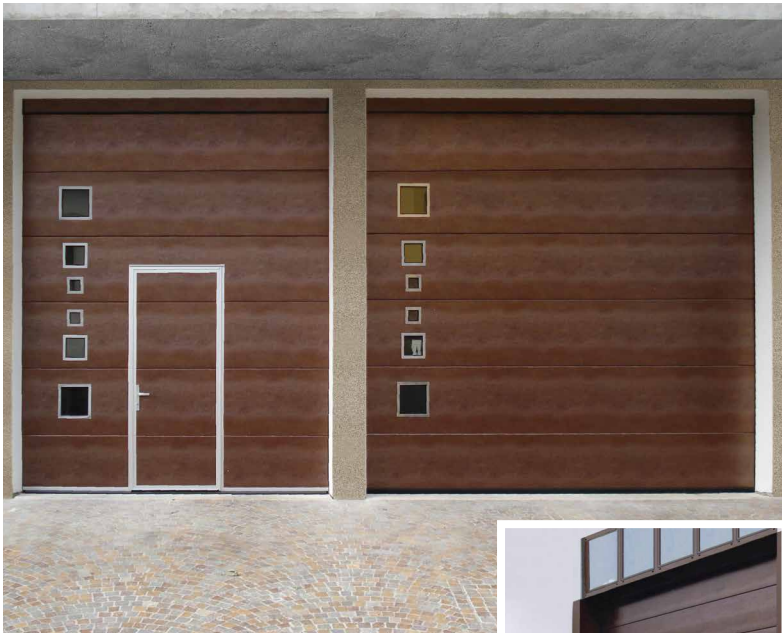
- Inside locking:
Espagnolette ≤ 3500 mm
Heavy duty locking latches 3501-5000 mm
- Assembly on site frame
- Horizontal panel layout
- Rib & Macrorib panels, standard TLP colours
- Anodized aluminium profiles
- Threshold S4 or S5
- Safety pins

ADDITIONAL OPTIONS:

- Locking from outside:
1-point lock (effective ≤ 2700 mm)
- Door stay shoot bolts
- 3-point lock (effective ≤ 3000 mm)
- Vertical panel layout
- Painted profiles
- Pass door
- Painted RAL colours
- FV, TLT panels
- Windows



*100x40 mm with 3-point lock



Panel options

In addition to standard Rib and Macrorib panels, we offer a full range of panels that will make your door look exceptional and match your desired style.

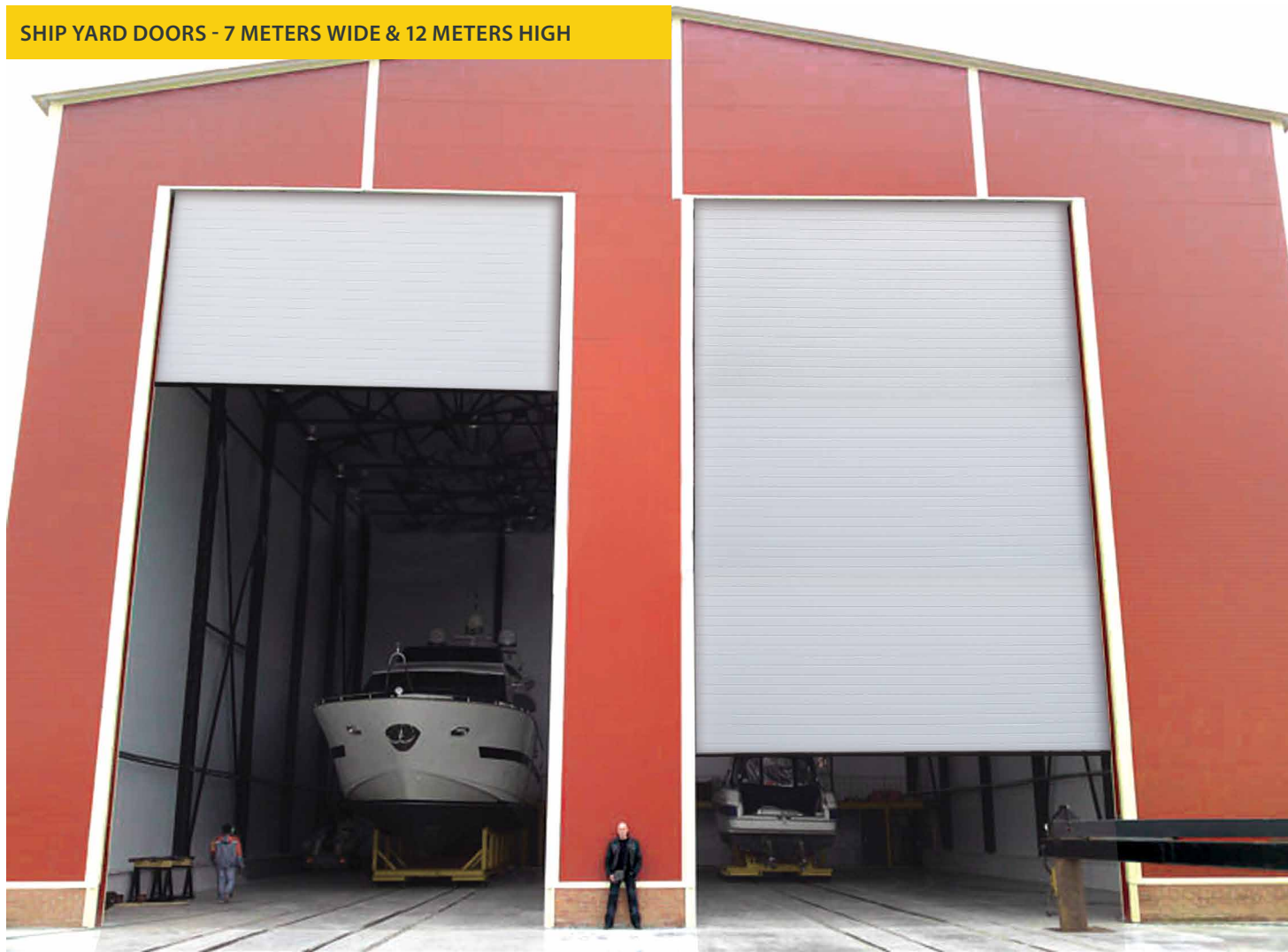


SLICK	FLUSH	MIDRIB	MICRORIB	TOPRIB	GEORGIAN (CASSETTE)

Tailored engineering



SHIP YARD DOORS - 7 METERS WIDE & 12 METERS HIGH



POWER PLANT DOORS - 4,5 METERS WIDE & 11 METERS HIGH

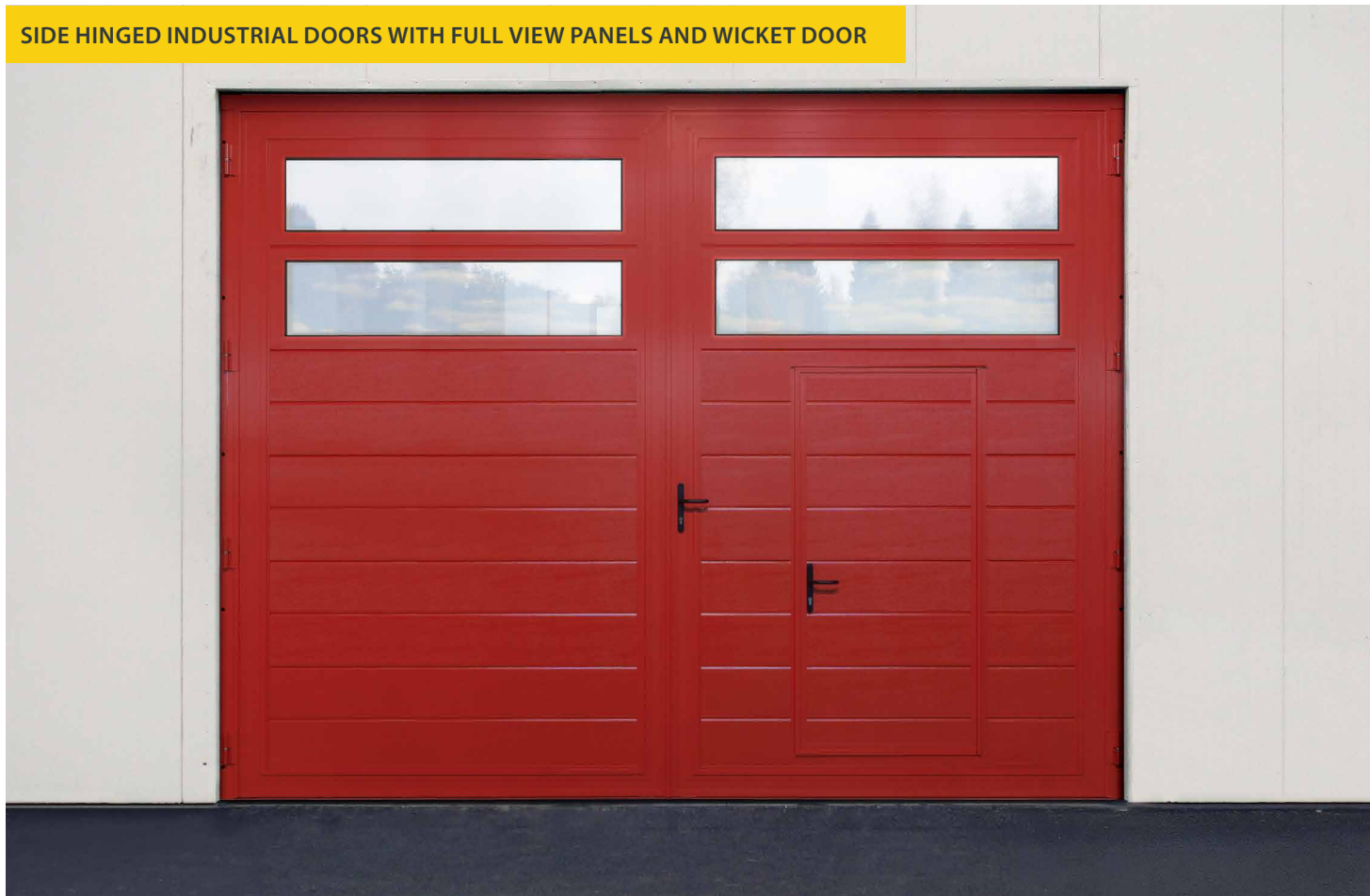




BOAT PARKING DOOR



SIDE HINGED INDUSTRIAL DOORS WITH FULL VIEW PANELS AND WICKET DOOR



SOLUTIONS UP TO 15 METERS WIDE



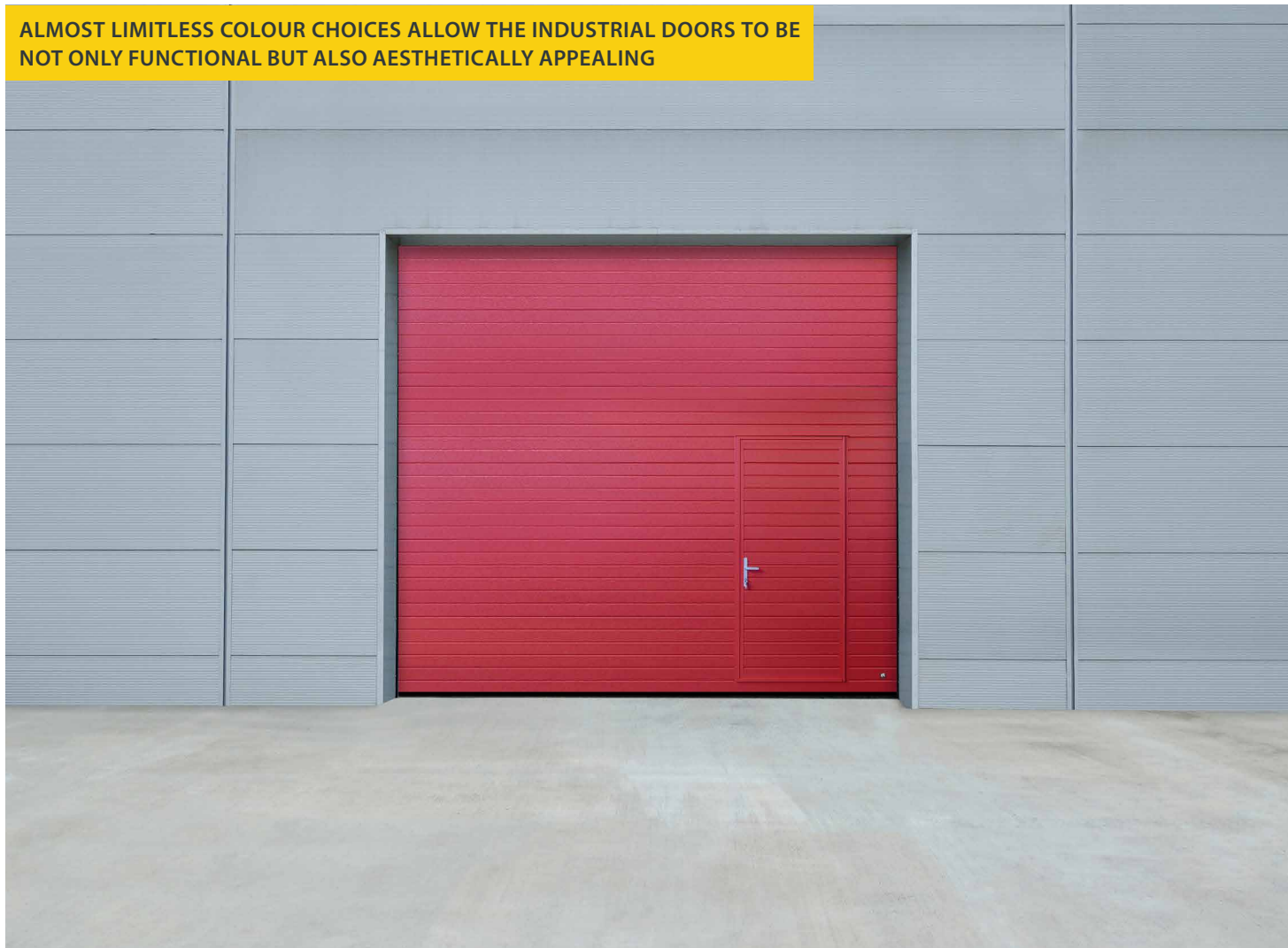
CONVEYOR CLOSING OPTIONS



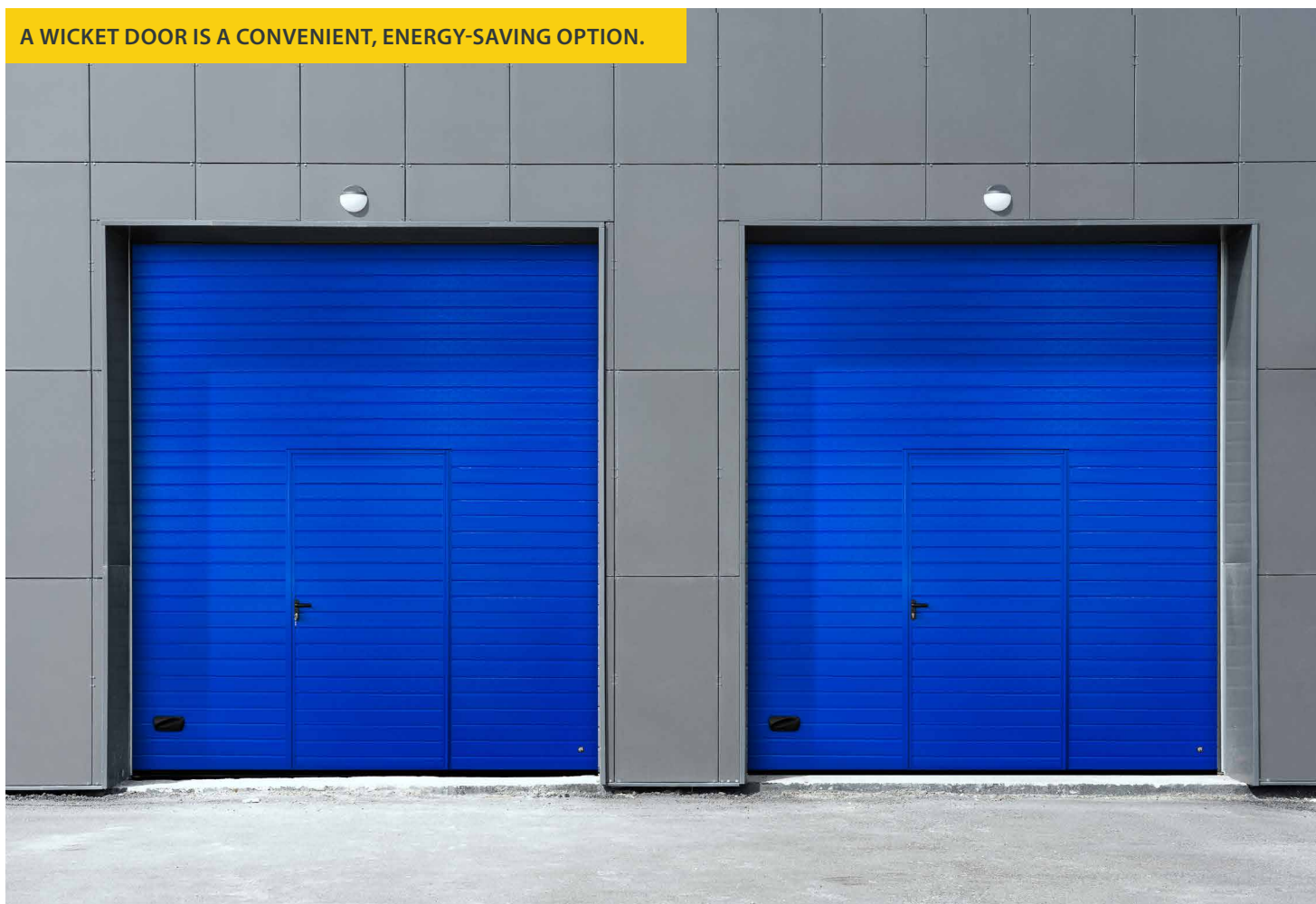
CONVEYOR CLOSING CASE

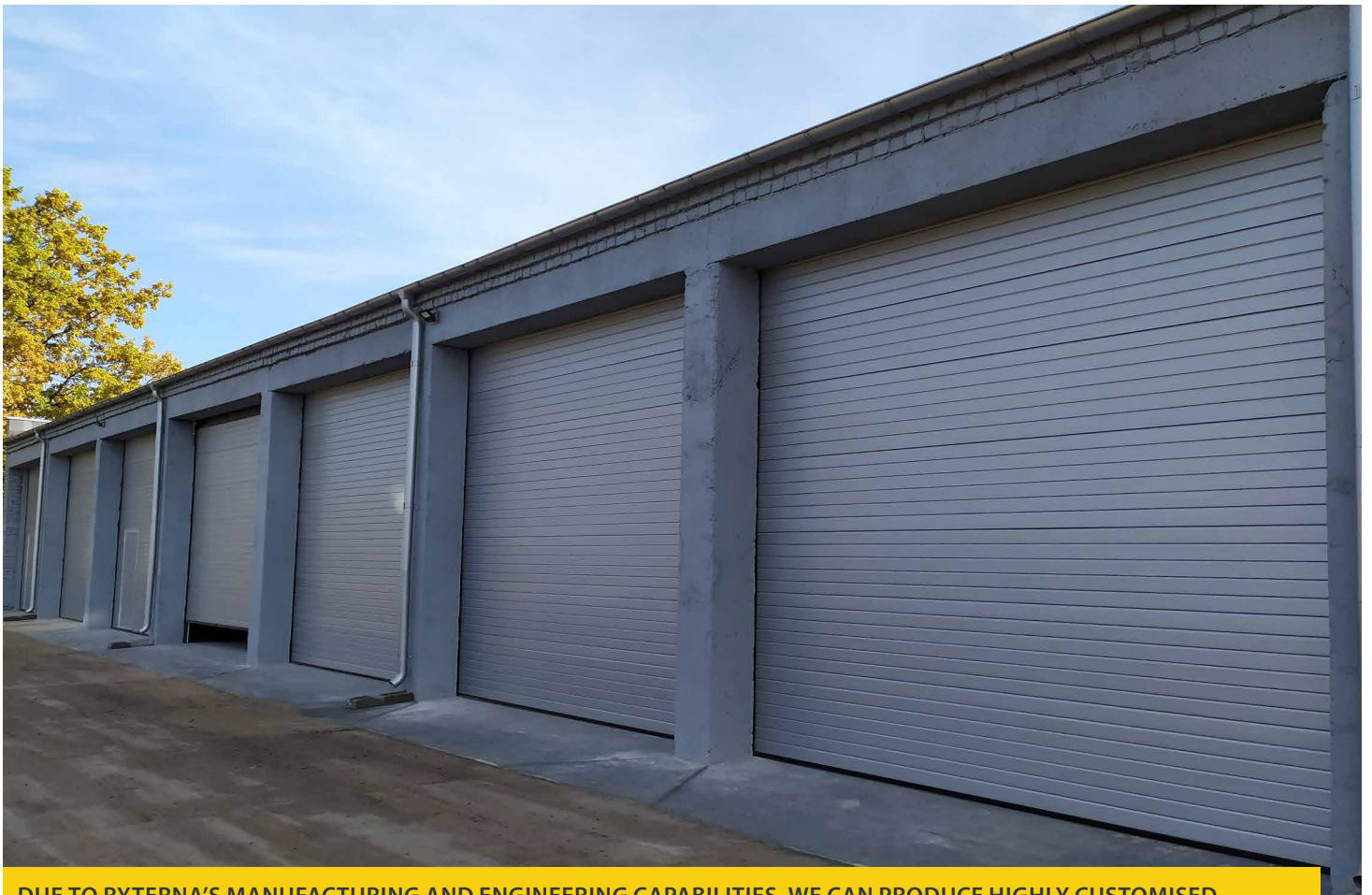


ALMOST LIMITLESS COLOUR CHOICES ALLOW THE INDUSTRIAL DOORS TO BE NOT ONLY FUNCTIONAL BUT ALSO AESTHETICALLY APPEALING



A WICKET DOOR IS A CONVENIENT, ENERGY-SAVING OPTION.





DUE TO RYTERNA'S MANUFACTURING AND ENGINEERING CAPABILITIES, WE CAN PRODUCE HIGHLY CUSTOMISED INDUSTRIAL DOORS FOR SPECIALISED EQUIPMENT PREMISES AS WELL AS LARGE SERIES OF DOORS FOR LOADING BAYS





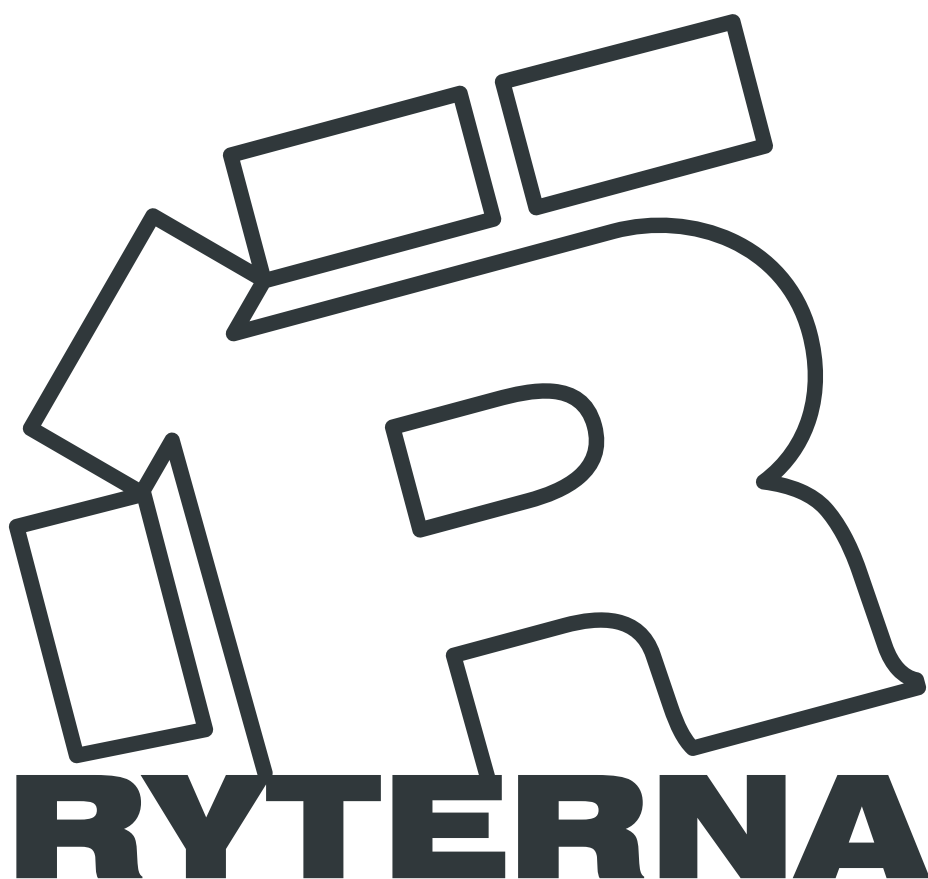
INCREASE NATURAL LIGHT BY CHOOSING WINDOWS OR FULL-VIEW PANELS





VISIT US AT WWW.RYTERNA.COM





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