

OPENING DOORS  
TO ENDLESS POSSIBILITIES



AUTOMATIC  
DOORS





# SEAMLESS MOVEMENT FOR EVERYDAY LIFE

Every day, across the globe, KLEFER lift doors enhance the flow of movement in a wide range of spaces. From busy office buildings and hospitals to modern residential complexes and transit hubs, our doors are designed to adapt to the rhythm of contemporary life. With smooth, reliable performance, they ensure easy access and comfort with every use. Behind their elegance and gentle operation lies thoughtful planning and innovative design, contributing to a more accessible and effortless urban experience. Even the simplest actions—like a perfectly timed door opening—can make a meaningful difference in how we move through and experience the world around us.

## ABOUT US

KLEFER has been active in the lift industry since September 1999. Established as a collaborative venture between KLEEMANN and FERMATOR, KLEFER specializes in manufacturing high-quality lift doors at its state-of-the-art premises in the Kilikis Business Park, Greece. Guided by a strong vision, core values and commitment to customer satisfaction, KLEFER produces lift doors that combine exceptional quality with aesthetic appeal, ensuring lasting performance and elegance in every project.





40/10



A modular solution designed for flexibility and ease of installation in the residential sector

The 40/10 lift doors provide a comprehensive solution for the needs of the residential sector. Their versatility lies in its modular design that allows adaptation to different spaces and requirements. This feature ensures straightforward installation and seamless integration

into diverse architectural environments, covering a wide range of specifications. From dimensions to specific functions, these doors can be customized to meet particular needs.



NOTABLE FEATURES AND ADVANTAGES

- Reliable, customized and adaptable
- Ideal for residential projects
- Modular and versatile design

TECHNICAL SPECIFICATIONS

40/10 Cabin and Landing Doors

Cycles per hour	Up to 240
Cycles per year	Up to 800.000
Certifications	Wide range available

Model	40/10 PM	40/10 VF
Motor	Synchronous brushless permanent magnets	Asynchronous three-phase motor
Electronic module	VF5+, VF7+ CAN/Relay	VF5+
Max moving mass (kg)	360	250
Automatic landing doors	40/10	40/10
Semiautomatic doors	Yes	Yes

! All automatic cabin operators and landing mechanisms are pre-adjusted & tested prior to final packaging to simplify installation.

NEW INSTALLATION  
EXISTING INSTALLATION  
MODERNIZATION AND REPLACEMENT

Residential Lifts

\*The recommended use is indicative only, and various factors such as the purpose of use, the hourly and annual number of cycles and the lift speed should be taken into consideration.

50/11



Specifically designed for larger doors with significant moving masses

The 50/11 lift doors are specifically designed to meet the demands of the residential and commercial sector. With a focus on enlarged dimensions they efficiently and safely accommodate large moving masses and facilitate the easy movement of bulky objects, such as shopping carts, furniture, or equipment. This model stands out for its combination of robust construction

and cutting-edge features, providing a balance between functionality and aesthetics. Ideal for larger buildings or those with high passenger traffic, where load capacity and durability are important, the 50/11 lift doors ensure smooth and reliable operation, while minimizing wear and extending component lifespan.



NOTABLE FEATURES AND ADVANTAGES

- Durable, robust and strongly structured
- Reliable performance in high-traffic buildings
- Recommended for freight lifts or heavy-duty applications

TECHNICAL SPECIFICATIONS

50/11 Cabin and Landing Doors

Cycles per hour	Up to 240
Cycles per year	Up to 800.000
Certifications	Wide range available

Model	50/11 PM	50/11 VF
Motor	Synchronous brushless permanent magnets	Asynchronous three-phase motor
Electronic module	VF5+, VF7+ CAN/Relay	VF5+
Max moving mass (kg)	360	250
Automatic landing doors	40/10 & 50/11	40/10 & 50/11
Semiautomatic doors	Yes	Yes

! All automatic cabin operators and landing mechanisms are pre-adjusted & tested prior to final packaging to simplify installation.

NEW INSTALLATION

- Residential Lifts
- Commercial Lifts
- Industrial Lifts

\*The recommended use is indicative only, and various factors such as the purpose of use, the hourly and annual number of cycles and the lift speed should be taken into consideration.



# PREMIUM



Ideal for high-end commercial and residential applications, offering reliable performance

The Premium lift doors are designed to meet the demands of high-end commercial and residential segments, embodying a refined blend of sophisticated design and exceptional functionality. The focus on quality, reliability and luxury ensures durability and consistent performance. This door model seamlessly adapts to high-traffic environments, with a solid

structure and cutting-edge technology that delivers smooth and quiet operation even under intensive use. The Premium doors are the ideal choice for those who value excellence in design, quality and user experience in the high-end elevator sector.



## NOTABLE FEATURES AND ADVANTAGES

- Sophisticated design, exceptional quality and full customization options
- Ideal for heavy duty applications and high-traffic commercial buildings
- Perfectly suited for upscale and luxurious environments

## TECHNICAL SPECIFICATIONS

Premium	Cabin and Landing Doors
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Cycles per hour	Up to 360
Cycles per year	Up to 2.500.000
Certifications	Wide range available

Model	Premium PM
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Motor	Synchronous brushless permanent magnets
Electronic module	VF5+, VF7+ CAN/Relay
Max moving mass (kg)	360
Automatic landing doors	Premium, 50/11 & 40/10
Semiautomatic doors	No

! All automatic cabin operators and landing mechanisms are pre-adjusted & tested prior to final packaging to simplify installation.

### NEW INSTALLATION

-  Residential Lifts
-  Commercial Lifts

\*The recommended use is indicative only, and various factors such as the purpose of use, the hourly and annual number of cycles and the lift speed should be taken into consideration.

# 50/11 SLIM



Specifically designed for modernizations and shafts with limited space

The new version of the 50/11 SLIM cabin and landing doors includes several improvements over its predecessor. With a more streamlined structure and precision engineering, this version offers significant space savings and optimizes elevator shaft dimensions. This product line is ideal for modernization projects with

reduced sill dimensions, as well as for new installations in residential elevators with narrow spaces. It supports up to 500.000 annual cycles for the cabin door and 800.000 annual cycles for the landing door, with a peak of 240 cycles per hour at speeds of up to 3 m/s.



## NOTABLE FEATURES AND ADVANTAGES

- Streamlined structure
- Optimum space efficiency
- Ideal for modernization and narrow space installations

## TECHNICAL SPECIFICATIONS

50/11 SLIM	Cabin and Landing Doors
Cycles per hour	Up to 240
Cycles per year	Up to 500.000 (Cabin) Up to 800.000 (Landing)
Certifications	Wide range available

Model	50/11 PM SLIM
Motor	Synchronous brushless permanent magnets
Electronic module	VF7+ CAN/Relay
Max moving mass (kg)	360
Automatic landing doors	50/11 SLIM & 40/10
Semiautomatic doors	No

! All automatic cabin operators and landing mechanisms are pre-adjusted & tested prior to final packaging to simplify installation.

EXISTING INSTALLATION  
MODERNIZATION AND REPLACEMENT

 Residential Lifts

\*The recommended use is indicative only, and various factors such as the purpose of use, the hourly and annual number of cycles and the lift speed should be taken into consideration.



# COMPACT+ PM 150



Designed with an extremely compact operator in height, ideal for installations with limited overhead space

The Compact+ PM 150 cabin lift doors, designed by FERMATOR, offer a tailored solution for elevators with limited overhead clearance and reduced pit space. These doors exemplify adaptability, making them a perfect choice for installations with challenging restrictions. Engineered to maximize usable space while maintaining optimal performance, these doors deliver a seamless experience in confined environments.

For elevators requiring a specialized solution due to space limitations, the Compact+ PM 150 cabin doors provide a smart and reliable answer. Their adaptability and ability to fit into limited spaces make them the ideal choice for architects and project managers aiming to optimize functionality within restricted dimensions.



## NOTABLE FEATURES AND ADVANTAGES

- Ideal solution for limited overhead and reduced pit space
- Easy setup
- Lightweight design

## TECHNICAL SPECIFICATIONS

Model	Compact+ PM 150
Cycles per hour	Up to 360
Cycles per year	Up to 500.000
Operator height (mm)	150
Motor	Synchronous brushless permanent magnets
Electronic Module	VF5+, VF7+ CAN/Relay
Max moving mass (kg)	360
Automatic landing doors	40/10
Semiautomatic doors	No

! All automatic cabin operators and landing mechanisms are pre-adjusted & tested prior to final packaging to simplify installation.

EXISTING INSTALLATION  
MODERNIZATION AND REPLACEMENT

 Residential Lifts

\*The recommended use is indicative only, and various factors such as the purpose of use, the hourly and annual number of cycles and the lift speed should be taken into consideration.



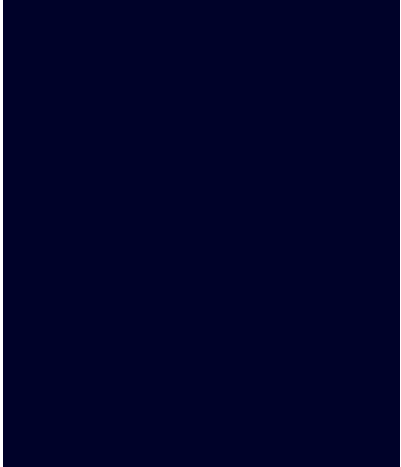
# A WORLD OF PROJECTS

Renowned for its expertise in customized solutions and the variety of design options, KLEFER undertakes projects worldwide. Whether in a modern, minimalist environment or a more classic and timeless one, our lift doors can be adapted to blend seamlessly with the overall aesthetics of the building.

Great Western Studios, London  
Model: 50/11 Full Glass, ST/ST Black Satin



National Museum, Belgrade  
Model: 50/11, ST/ST Satin



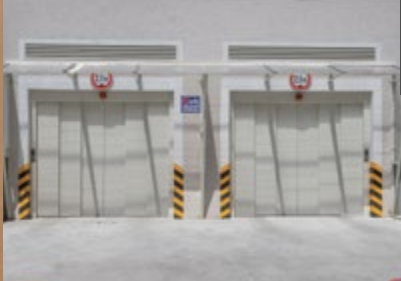
Private Residence, Melbourne  
Model: 50/11 Big Vision, ST/ST Satin



Apollo Place, Lane Cove  
Model: 50/11 Big Vision, RAL 9011



Museum of Contemporary Arts, Belgrade  
Model: 50/11



Mihajla Pupina, Belgrade  
Model: 50/11, RAL 9002



Leshina XXXL, Pula  
Model: 50/11, RAL 7032



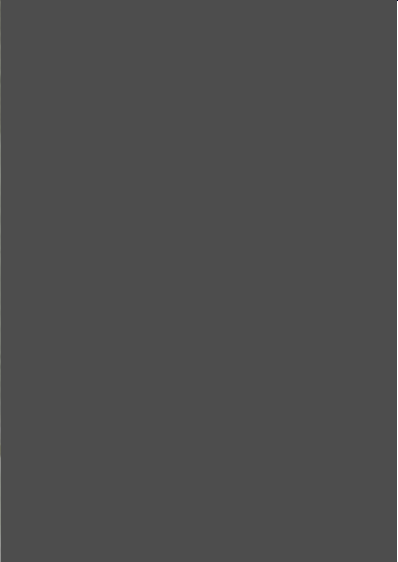
Luxury Apartments, Budapest  
Model: 40/10, RAL 7010



Private Residence, Australia  
Model: 40/10, ST/ST Satin



Palilula Market, Belgrade  
Model: 50/11, RAL 7032



Private Residence, Thessaloniki  
Model: 50/11, Wood coating












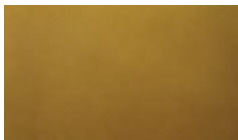
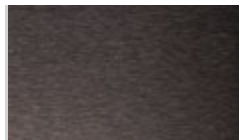
# PAINT

An extensive selection of powder-coated RAL colors enhances lift doors, with options available in structured gloss, smooth and fine-textured matte finishes.

							
RAL 1001 Beige	RAL 1013 Oyster White	RAL 3015 Light Pink	RAL 4009 Pastel Violet	RAL 6034 Pastel Turquoise	RAL 7016 Anthracite Grey	RAL 7032 Pebble Grey	RAL 7035 Light Grey
							
RAL 7040 Windon Grey	RAL 7043 Traffic Grey	RAL 9001 Cream	RAL 9004 Signal Black	RAL 9005 Jet Black	RAL 9006 White Aluminium	RAL 9010 Pure White	RAL 9016 Traffic White
							
RAL 9022 Pearl Light Grey	535.8A.1294 Grey Sandre	Y4306I Innoko Sable	Y4307I Djibouti Sable	Y2204I Soft Champagne	Y2206F Bronze 1	Y2205I Gold Splendor	

# STAINLESS STEEL \*











A wide range of stainless steel finishes is available in various colors, sheens and textures to add a touch of refined luxury that complements any style.

				
Satin	Mirror	Linen	Leather	Dama (Checks)
				
Black Satin	Gold Satin	Gold Mirror	Bronze Satin	

\* Available in various AISI grades

# SKINPLATE

Premium skinplate finishes are available in a wide range of colors, textures and patterns, designed to complement and enhance any lift door.

				
DL1	DL 5	DL 41	DL 76	DL 92
				
DL 93	PPS 93	A90 GTA	B 13	F 12 PPS




# WOOD FINISHING

The selection of exquisite wood finishes in several shades and tones adds warmth and character, elevating your lift doors with timeless elegance.

				
IVE 05	IVE 07	IVE 14	IVE 12	IVE 33

# GLASSES

A broad range of glass shades comes in a variety of colors and levels of transparency, offering vibrant reflections that blend seamlessly with any style.

				
Transparent	Matt	Super Silver Fume	Fume	Black

The materials shown are for illustrative purposes only and may not precisely represent the final product. For the full range of available options or further information, please contact us at [commercial@klefer.com](mailto:commercial@klefer.com)



# COMPONENTS & CONFIGURATIONS

## TOE GUARDS

The toe guard is a key safety feature, standard on all landing doors and optional on cabin doors. It is available in three sizes: standard (galvanized), large, and sized to match the sill length. To complement various design preferences, it is available in a range of options upon request, including powder-coated steel, stainless steel satin, special stainless steel finishes or special RAL powder-coated colors.

## SUPPORT COMPONENTS

KLEFER offers a wide range of support components, including brackets, sill supports, and fixation consoles all designed to meet the specific requirements of every installation. Each support element is engineered to ensure reliability and stability.

## LOCKING DEVICES

Our landing door locks are certified to Directive 2014/33/EU, ensuring high-standard safety compliance. For reliable operation in demanding environments, our IP-rated options protect components from dust and liquid ingress – perfect for moisture-prone or industrial settings. Our car door locks and skates are available in a range of lengths, making them ideal for both new installations and modernization projects.

## SILL & SILL BETWEEN FRAMES

Made from durable materials, KLEFER's sill and sill between frames options are engineered for long-lasting performance and designed to withstand constant use and heavy daily traffic. They are available in:

- Aluminum & Reinforced Aluminum
- Steel & Solid Steel
- Stainless Steel & Solid Stainless Steel
- With dust holes
- Heated

## SAFETY CLOSING SYSTEMS

Our landing doors are equipped with either spring or counterweight safety closing systems, selected based on the specific door configuration and project requirements.

## MOTORS

Cabin doors are equipped with either VF (Asynchronous three-phase) or PM (Synchronous brushless permanent magnet) motors, depending on the door model. The PM motor comes standard with an IP40 protection rating, while the VF motor has a default IP20 rating, with optional upgrades to IP54 and IPX3 for enhanced protection against dust and water ingress.

## ELECTRONIC PARTS

Our automatic cabin doors are available with VF5+ and/or VF7+ Relay/CAN Protocol. The circuit can be mounted in different positions on the cabin operator, depending on door specifications and installation needs.





# CUSTOMIZATION

## PAINTED PARTS

Parts of the doors can be painted in various RAL options upon request, ensuring visual harmony and a high-quality finish that complements the surrounding environment. This solution is ideal and highly recommended for panoramic lifts.

## ANODIZED SILLS

Available in a wide range of color options to match any design preference, our anodized sills offer the perfect combination of style and long-lasting durability.

## CUSTOMIZED DIMENSIONS

Whether for non-standard sizes or specialized frame configurations, our custom solutions deliver the flexibility and precision required to ensure exceptional quality and performance even in the most demanding projects.

## LOP CUT-OUTS

Designed to meet a wide range of design and installation needs, LOP cut-outs are available in standard or custom configurations, allowing you to perfectly match your project requirements.

## COMPATIBILITY

The 40/10 PM, 40/10 VF, 50/11 PM and 50/11 VF cabin door models can be combined with semiautomatic landing doors in compliance with 81.1/2 and 81.20/50. Multiple opening cam options are available for this configuration.



# CHALLENGING ENVIRONMENTS

## ANTI-CORROSION PAINT

A frequent and highly recommended choice for outdoor installations, available in a variety of colors. It offers enhanced protection against rust and ensures long-lasting durability, ideal for metal surfaces exposed to harsh weather conditions.

## ANTI-CORROSION STAINLESS STEEL

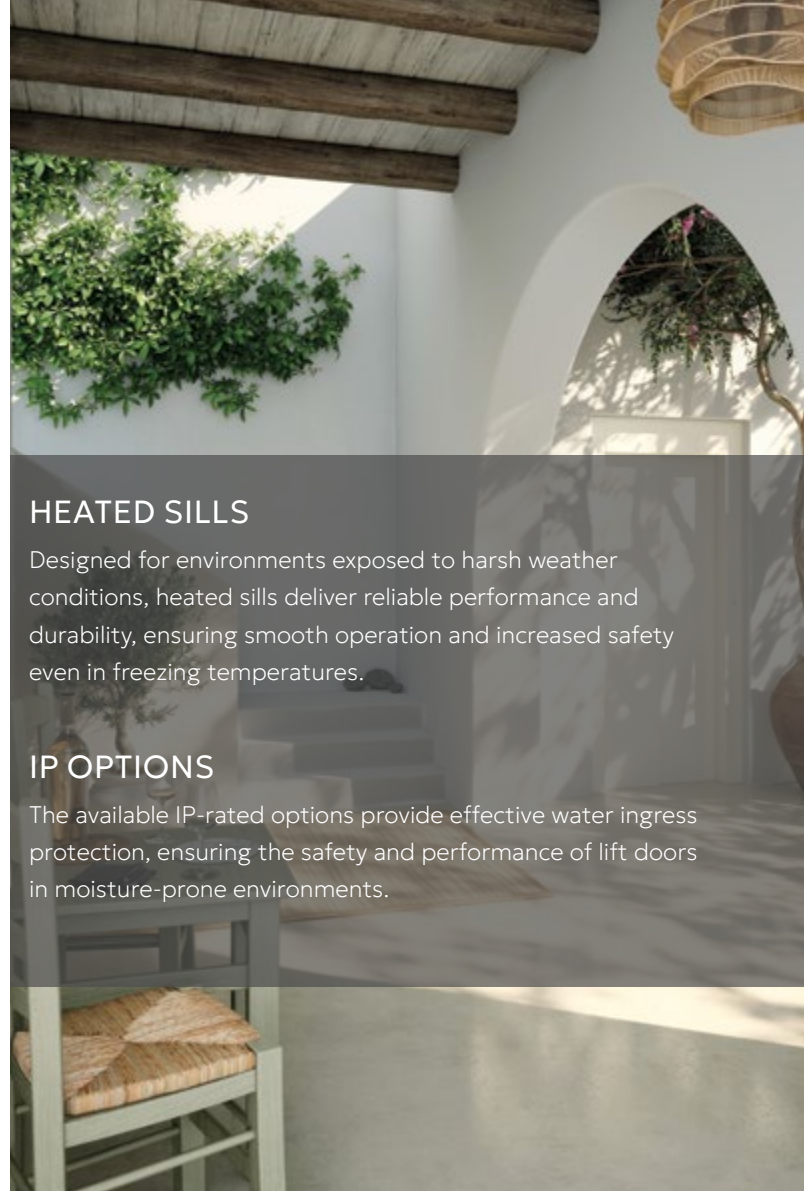
Renowned for its exceptional durability and corrosion resistance, Stainless Steel AISI 316L is the optimal choice for high-demand environments. Its long-lasting performance makes it ideal for applications exposed to moisture, chemicals, or extreme conditions.

## HEATED SILLS

Designed for environments exposed to harsh weather conditions, heated sills deliver reliable performance and durability, ensuring smooth operation and increased safety even in freezing temperatures.

## IP OPTIONS

The available IP-rated options provide effective water ingress protection, ensuring the safety and performance of lift doors in moisture-prone environments.



# HEAVY DUTY & HIGH TRAFFIC

## SILL

Made from durable materials, our reinforced and solid sill options are engineered to withstand constant use and heavy daily traffic, making them a reliable choice for both commercial and industrial applications.

## SILL SUPPORT

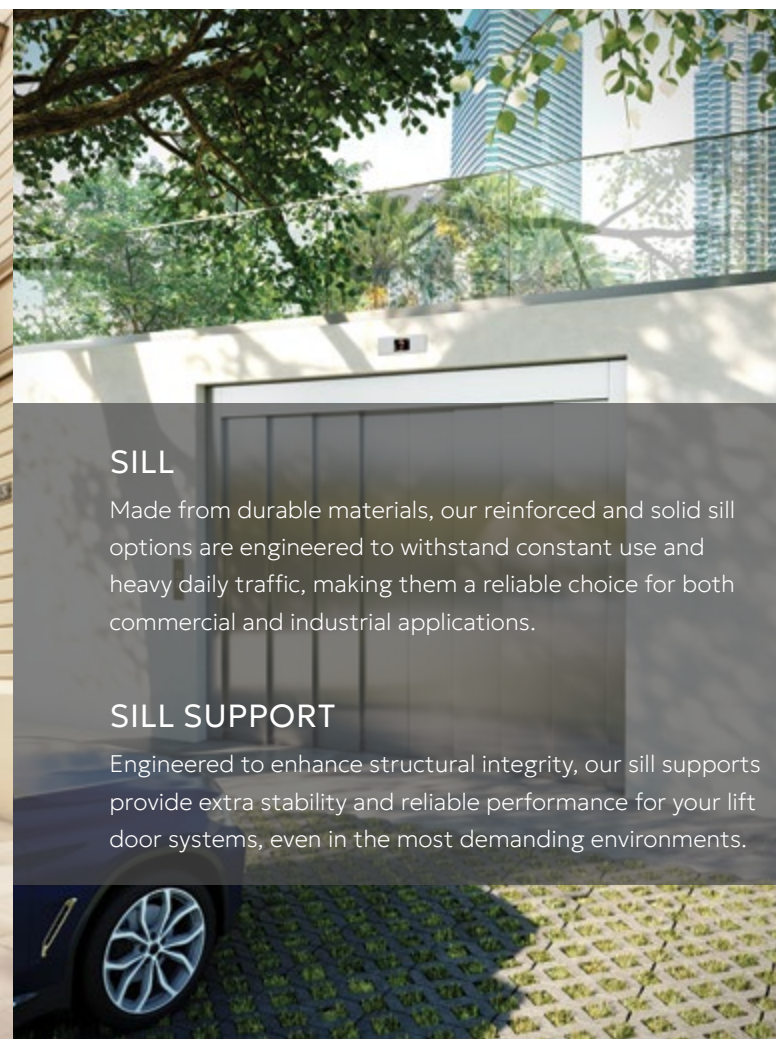
Engineered to enhance structural integrity, our sill supports provide extra stability and reliable performance for your lift door systems, even in the most demanding environments.

## FIXATION CONSOLE

Designed to provide maximum support, our fixation consoles enhance the overall performance of heavy-load and cargo lift systems even under the most demanding conditions.

## ANTIVANDAL PROTECTION

Ideal for high-traffic public environments, our antivandal solutions feature reinforced structures, secure locking systems, and protected components, all designed to safeguard door systems against damage, unauthorized access and everyday wear.





# COMPLIANCE OVERVIEW

## STANDARDS

Engineered and manufactured to comply with the highest international safety standards, KLEFER lift doors ensure optimal performance while delivering maximum user protection.

	40/10	50/11	Premium	50/11 SLIM
EN 81.1/2 Safety Rules	✓	✓	✓	✓
EN 81.20/50 Safety Rules	✓	✓	✓	✓
EN 81.21 Existing Buildings- Monostable & Bistable	✓	✓	✓	✓
EN 81.41 Impaired mobility	✓	✓	✓	
EN 81.70 Accessibility for lifts for disabled persons	✓		✓	
EN 81.71 Vandal Resistance lifts, Cat I & II	✓	✓	✓	
EN 81.72 Firefighters' lifts	✓	✓	✓	
EN 81.73 Behavior of lifts	✓		✓	
*GB 7588 Safety Rules CN	✓		✓	
*AS 1735.1 Safety Rules AUS	✓		✓	
*GOST 93984.1 Safety Rules FOCT	✓		✓	
*SS 550 Impaired mobility	✓		✓	

	40/10 PM	40/10 VF	50/11 PM	50/11 VF	Premium PM	50/11 PM SLIM	Compact+ PM 150
EN 81.1/2 Safety Rules	✓	✓	✓	✓	✓	✓	✓
EN 81.20/50 Safety Rules	✓	✓	✓	✓	✓	✓	✓
EN 81.21 Existing Buildings Monostable & Bistable	✓	✓	✓	✓	✓	✓	✓
EN 81.41 Impaired mobility	✓	✓	✓	✓	✓		
EN 81.71 Vandal Resistance lifts, Cat I & II	✓	✓	✓	✓	✓		
EN 81.72 Firefighters' lifts	✓	✓	✓	✓	✓		

## FIRE RESISTANCE (EN 81.58: 2003)

Certified to EN 81-58 standards, KLEFER lift landing doors deliver proven fire resistance and comply with the highest fire safety regulations, ensuring maximum protection for passengers and buildings.

	40/10	50/11	Premium	50/11 PM SLIM
E120 Appraise for 120 minutes integrity performance	✓	✓	✓	✓
E120 - EW60 - Double Skin Appraise for 120 minutes integrity & 60 minutes radiation performanceEN	✓	✓	✓	
E120 - Vandal Resistance Appraise for 120 minutes integrity performance	✓	✓	✓	
E160 Appraise for 60 minutes integrity & insulation performance	✓	✓	✓	
E120 Appraise for 120 minutes integrity & insulation performance	✓	✓	✓	
EW60 Appraise for 60 minutes integrity & radiation performance	✓	✓	✓	

\* For non-European standards or requirements, please contact our Commercial Department.



# COMMITMENT TO EXCELLENCE

At KLEFER, professionalism, responsibility, and respect for our customers and suppliers define the way we operate. Every interaction is guided by integrity, fostering strong and trustworthy relationships with our clients. Our dedicated teams share a passion for excellence, focusing on optimizing processes, enhancing product performance and providing exceptional customer support. With extensive expertise in customized projects, we provide innovative, precise solutions tailored to meet specific requirements, ensuring efficiency and excellence in every detail.



# QUALITY ASSURANCE

Guided by innovation and industry best practices, our team is committed to delivering solutions that exceed our customers' expectations. From initial design to final delivery, we uphold the highest standards of quality throughout every stage of the process.

# SUPPORT

From design and ordering to delivery, installation and maintenance, our expert support team is with you every step of the way. We are committed to providing a seamless, responsive and satisfying experience, meeting your needs with efficiency and dedication.



# ELEVATING LIFT DOORS

With over 25 years of experience in the lift industry, KLEFER has become a trusted name in providing flexible and customized lift door solutions. Today, we export to over 45 countries, excelling in custom projects with expert knowledge and precision.

Whether for local or international markets, KLEFER provides reliable, elegant, and efficient lift door solutions that ensure seamless operation and long-lasting performance.



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