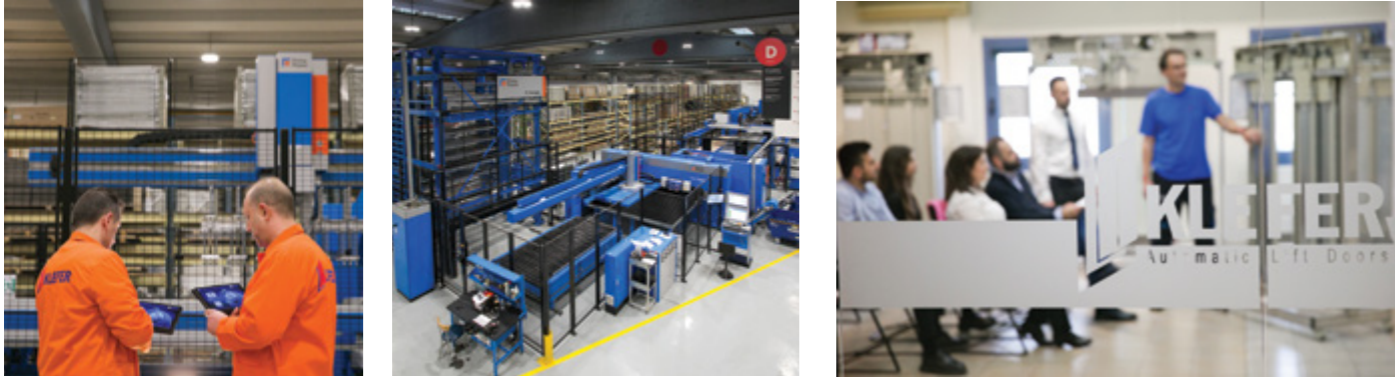


OPENING DOORS
TO ENDLESS POSSIBILITIES



BUS FOLDING
DOORS

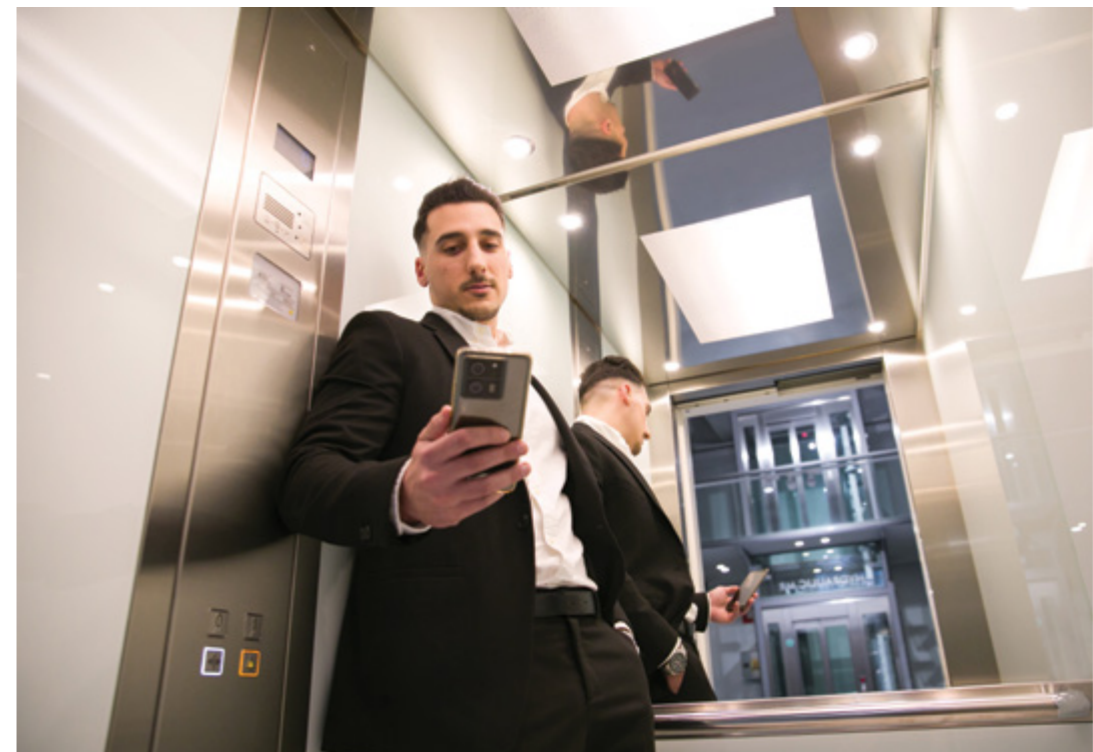


ABOUT US

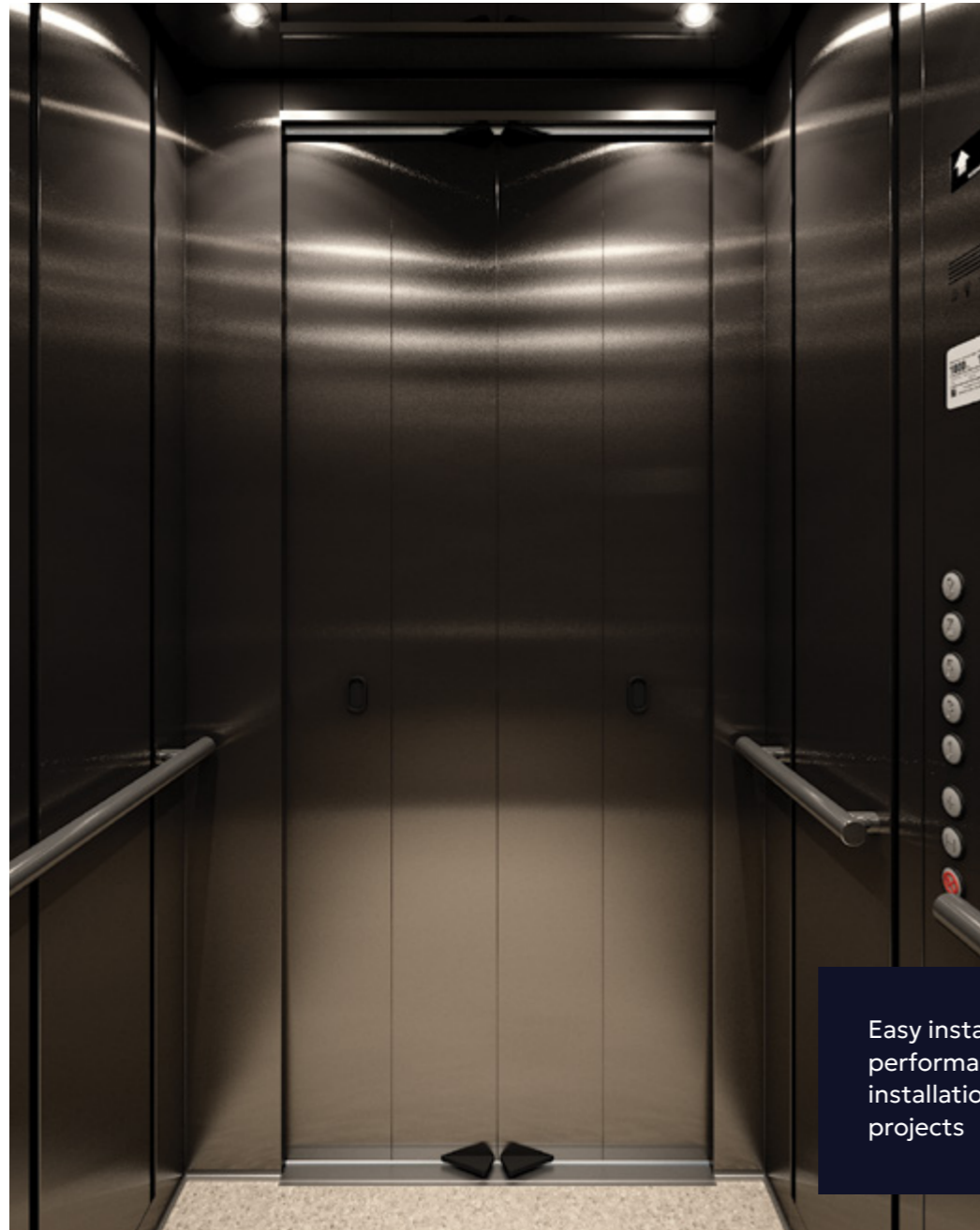
KLEFER has been active in the lift industry since September 1999. Established as a collaborative venture between KLEEMANN and FERMATOR, KLEFER specializes in manufacturing high-quality lift doors at its state-of-the-art premises in the Kilkis Business Park, Greece. Guided by a strong vision, core values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

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 lie 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.



G3



Easy installation and reliable performance for both new installations and modernization projects

The G3 bus folding door is a practical and versatile solution designed for both new installations and modernization projects.

Engineered for easy and convenient access, it incorporates a reliable clutch mechanism that supports smooth operation and enhanced safety throughout its lifecycle.

Manufactured from durable materials, the G3 bus folding door is built to withstand frequent use in high-traffic environments. At the same time, it offers design flexibility, allowing it to adapt to different architectural and installation requirements while maintaining consistent performance and reliability.



NOTABLE FEATURES AND ADVANTAGES

- Compliant with EN 81-1/2
- Ideal solution for new lifts in existing buildings with limited shaft space
- Sill available in 80 mm and 100 mm
- Optional asymmetric panels

* For detailed technical information regarding the sill specifications and asymmetric panels, please contact our Commercial Department or visit www.klefer.com

- ! All car door operators are pre-adjusted and tested prior to final packaging for simplified installation
- Protective paint film and quality packaging

STANDARD EQUIPMENT

- Powder-coated car operator and panels
- RAL powder coating (structured gloss)
- Reinforced aluminum sill
- Anodized panel rotating shafts
- Emergency power supply with battery
- Clutch assembly
- Guide shoes
- Handles
- Transparent safety glass (for vision doors)
- Galvanized cover for the car operator

MANUFACTURING RANGE*

G3					
Blind		Big Vision		Small Vision	
CLEAR OPENING (mm)	CLEAR HEIGHT (mm)	CLEAR OPENING (mm)	CLEAR HEIGHT (mm)	CLEAR OPENING (mm)	CLEAR HEIGHT (mm)
500-950	1700-2200	750-950	1700-2200	600-950	1900-2200

G3 ASYMMETRIC					
Blind		Big Vision		Small Vision	
CLEAR OPENING (mm)	CLEAR HEIGHT (mm)	CLEAR OPENING (mm)	CLEAR HEIGHT (mm)	CLEAR OPENING (mm)	CLEAR HEIGHT (mm)
550-950	1700-2200	750-900	**	650-900	**

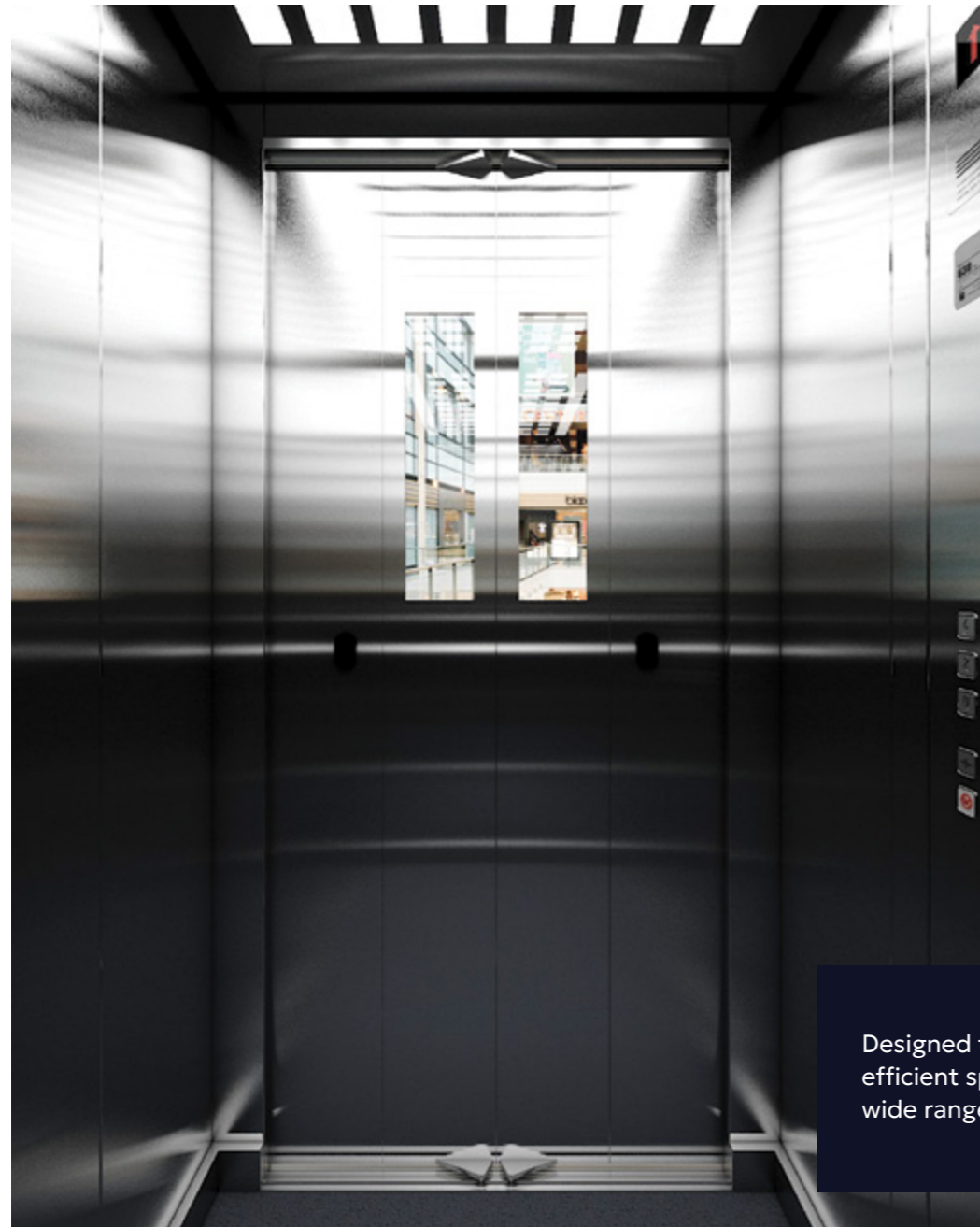
*The indicated manufacturing range is provided as a general guideline. For complete specifications, please contact our Commercial Department.
 ** For more information about the height range, please contact our Commercial Department.

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.

G5



Designed for safety, durability and efficient space utilization across a wide range of lift applications

The G5 bus folding door with mechanical lock is an advanced evolution of the G3 model, developed to meet the requirements of EN 81-20/50.

Engineered for smooth and convenient access, it features a robust construction that ensures reliable operation and long-lasting performance, making it ideal for intensive daily use.

Its streamlined design maximizes space utilization, providing a smart and adaptable solution for modern lift installations. At the same time, it offers flexibility to accommodate a variety of design and operational requirements, combining safety, durability, and efficiency.



NOTABLE FEATURES AND ADVANTAGES

- Compliant with EN 81-20/50
- Equipped with a mechanical lock
- Ideal solution for new lifts in existing buildings with limited shaft space



· All car door operators are pre-adjusted and tested prior to final packaging for simplified installation
· Protective paint film and quality packaging

STANDARD EQUIPMENT

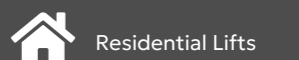
- Powder-coated car operator and panels
- RAL powder coating (structured gloss)
- Reinforced aluminum sill
- Anodized panel rotating shafts
- Emergency power supply with battery
- Mechanical lock assembly
- Mechanical unlocking kit
- Guide shoes
- Handles
- Transparent safety glass (for vision doors)
- Galvanized cover for the car operator

MANUFACTURING RANGE*

G5					
Blind		Big Vision		Small Vision	
CLEAR OPENING (mm)	CLEAR HEIGHT (mm)	CLEAR OPENING (mm)	CLEAR HEIGHT (mm)	CLEAR OPENING (mm)	CLEAR HEIGHT (mm)
500-950	2000 & 2100	750-950	2000 & 2100	600-950	2000 & 2100

*The indicated manufacturing range is provided as a general guideline. For complete specifications, please contact our Commercial Department.

NEW INSTALLATION
EXISTING INSTALLATION
MODERNIZATION AND REPLACEMENT



*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.

G5-EM



Safe, reliable and easy to install
Engineered for consistent, efficient performance

The G5-EM bus folding door with electromagnetic lock is designed to provide smooth access and high operational reliability, compliant with EN 81-20/50.

Manufactured from durable materials, it withstands frequent use, making it ideal for continuous operation in high-traffic environments. The electromagnetic lock

enhances efficiency, ensuring reliable, low-maintenance operation while supporting safe and consistent lift performance.

At the same time, the door offers flexibility to accommodate various design and operational requirements, combining safety, durability and efficiency.



NOTABLE FEATURES AND ADVANTAGES

- Compliant with EN 81-20/50*
- Equipped with electromagnetic lock
- Ideal solution for new lifts in existing buildings with limited shaft space

*See installation manual



- All car door operators are pre-adjusted and tested prior to final packaging for simplified installation
- Protective paint film and quality packaging

STANDARD EQUIPMENT

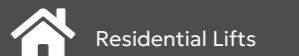
- Powder-coated car operator and panels
- RAL powder coating (structured gloss)
- Reinforced aluminum sill
- Anodized panel rotating shafts
- Emergency power supply with battery
- Electromagnetic lock assembly
- Mechanical unlocking kit
- Guide shoes
- Handles
- Transparent safety glass (for vision doors)
- Galvanized cover for the car operator

MANUFACTURING RANGE*

G5-EM					
Blind		Big Vision		Small Vision	
CLEAR OPENING (mm)	CLEAR HEIGHT (mm)	CLEAR OPENING (mm)	CLEAR HEIGHT (mm)	CLEAR OPENING (mm)	CLEAR HEIGHT (mm)
500-950	2000 & 2100	750-950	2000 & 2100	600-950	2000 & 2100

*The indicated manufacturing range is provided as a general guideline. For complete specifications, please contact our Commercial Department.

NEW INSTALLATION
EXISTING INSTALLATION
MODERNIZATION AND REPLACEMENT



*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.

CONFIGURATIONS & CUSTOMIZATION

TOE GUARDS

The toe guard is an optional safety feature available on all folding doors. It comes in standard (galvanized or satin stainless steel) and large sizes to suit a variety of design preferences.

SILL SUPPORT

The sill support is an optional component available for bus folding doors. It is manufactured from durable materials to ensure reliability and long service life, even in demanding operating environments.

ANODIZED SILLS

Available in a wide range of colors, our anodized sills combine style with long-lasting durability, providing a versatile, elegant and high-quality solution that matches any design preference.

SILLS

KLEFER's sill options are made from durable materials designed for long-lasting performance under heavy daily use. Our standard solution features anodized reinforced aluminum sills. Additional options in different widths and materials are available to meet specific project requirements. For more information, please contact our Commercial Department.

LOCKING DEVICES

- G5 model: Equipped with a mechanical lock for consistent and secure operation.
- G5-EM model: Features an electromagnetic lock, providing enhanced control and reliability for modern, safety-focused installations.



ELECTRONIC PARTS

The electronic circuit is a key element in the performance of bus folding doors. It features an emergency power supply for passenger safety, ensures smooth operation under all conditions, and helps minimize wear to extend system lifespan.

MOTORS

Bus folding doors are equipped with brushed DC motors with worm gearing, ensuring smooth and reliable door movement. They are designed for indoor applications and long-term performance.

VISION PANELS

Bus folding doors are available without vision panels. Alternatively, they can include either small vision panels or big vision panels, depending on your project's requirements.

PAINTED PARTS

Door components can be painted in various RAL options upon request, ensuring visual harmony and a high-quality finish. This solution is ideal for panoramic lifts and is highly recommended for such applications.

COMPATIBILITY

Our folding doors can be combined with semiautomatic landing doors, compliant with either EN 81-1/2 or EN 81-20/50, to meet required safety regulations. Lateral retractable cams are available to support this combination.

UNLOCKING DOOR LOCK KIT

The unlocking door lock kit is a standard feature for bus folding doors, fully meeting EN 81-20/50 safety requirements and allowing safe manual operation in emergency situations when needed.

PAINT

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



STAINLESS STEEL *

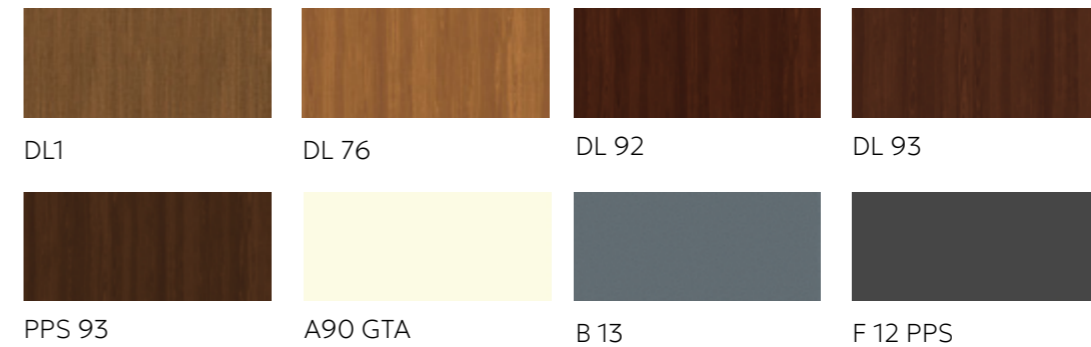
A wide range of stainless steel finishes is available in various colors, sheens and textures to add a touch of refined luxury that complements any style.



* 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.



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.

COMPLIANCE OVERVIEW

STANDARDS

Engineered and manufactured to meet the highest international safety standards, KLEFER lift doors deliver reliable performance while supporting user safety.

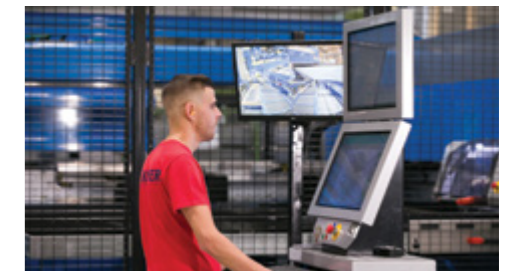
	EN 81-1/2 Safety rules	EN 81-21 Existing buildings	EN 81-41 Impaired mobility	EN 81-20/50 Safety Rules
G3	✓	✓	✓	
G5	✓	✓	✓	✓
G5-EM	✓	✓	✓	✓

FINISHES

Engineered to meet a wide range of design preferences and project requirements, our bus folding doors are available in a variety of finishes that blend aesthetic appeal with durable performance.

	Powder coating	Stainless steel	Skinplate	Wood cladding
		Blind		
G3	✓	✓	✓	
G5	✓	✓	✓	
G5-EM	✓	✓	✓	
		Big Vision		
G3	✓	✓		
G5	✓	✓		
G5-EM	✓	✓		
		Small Vision		
G3	✓	✓		
G5	✓	✓		
G5-EM	✓	✓		

* The information provided is indicative. Additional door configurations and specifications should be taken into consideration.



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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While every effort has been made to ensure the accuracy of the information in this brochure, KLEFER assumes no responsibility for omissions or typographical errors.

Colors may differ slightly from those shown in the brochure, owing to the limitations of the printing process. Pictures of the materials illustrate detailed part of each material and not its rendering on the lift doors surface.

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