

The other kind of  
industrial door.  
Stacking doors  
**SPACELITE®**

**BUTZBACH - THE DOOR COMPANY.®**







# Reliability **from experience**

Butzbach is a German family-owned company founded in 1953 and is now being managed by the second generation. With over 350 employees, we are the specialist for industrial and hangar doors.

Our unique combination of opening technology and door filling made of translucent fibreglass has created a brand-new type of door. This principle is superior to standard doors in many dimensions: thanks to flexibility in adapting to your requirements, highest reliability and lasting efficiency.

You also benefit from our wealth of experience and a complete service from a single source. From the first step to planning, commissioning and service, Butzbach provides full support throughout the entire lifecycle of your door!





Company location



Subsidiary



Retail partners (over 40 worldwide)

## Butzbach on-site **Everywhere**

### Germany

Our company is based at two locations in southern Germany, combining established local roots with a cosmopolitan attitude and innovative spirit. Here we have highly qualified employees and a network of reliable suppliers at our disposal. Our support based in 25 sales regions across Germany guarantees direct support wherever you are.

### International

Butzbach has made a name for itself as a specialist developing and manufacturing industrial doors. For decades, our doors have been providing daily reliable service at many companies worldwide. Our qualified partners ensure local support, the highest service quality and customer proximity.



# Proven to work in practice worldwide

## Stacking doors **SPACELITE®**

### **Braunschweig (DE)**

Car dealer MK Maring

Butzbach SPACELITE stacking doors with real glass panel filling boost the stylish appearance of the modern car dealership. They convey technology, aesthetic and inviting openness and visually extend the glass facade.



### **Brussels (BE)**

Transport companies STIB

A total of 21 SPACELITE stacking doors and 4 NOVOSPRINT high-speed doors were installed by Butzbach as part of an extensive renovation of the bus maintenance facility. The facade was designed in matching translucent fibreglass elements.



### **Abu Dhabi (AE)**

Formula 1 racetrack

Highest reliability and optimal light conditions in the pits: both requirements could be realised to perfection thanks to 81 SPACELITE stacking doors and 6 SECTIOLITE sectional doors with fibreglass filling from Butzbach.



### **Chengdu (CN)**

Audi

The numerous service stations in the Audi centre are fitted with SPACELITE stacking doors. Fillings of clear glass and fibreglass in brilliant colour ensure functionality and emphasise the high aesthetic ideal of the brand.



You can find more completed Butzbach projects at [www.butzbach.com](http://www.butzbach.com).

# One door

## Many possibilities

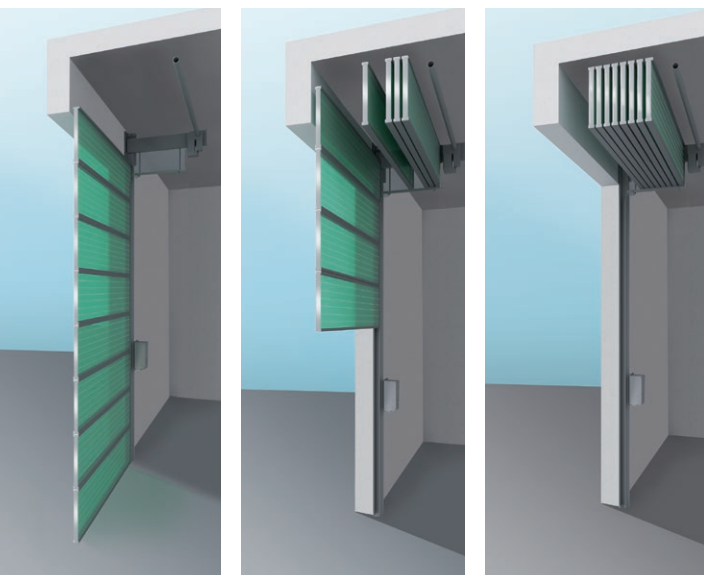
Every business is unique. Our SPACELITE doors as well.

First we personally analyse your requirements and create afterwards a customized proposed solution for you. Because with SPACELITE, your needs in terms of function, format and design define the door.

This means you get the perfect configuration based on the standard model – from a variety of equipment options, controls and impulse transmitters, as well as various model variants, material combinations and surface treatments – that brings you real added value.

### Door panel fillings

There are various door panel fillings to choose from depending on function and design: twin-walled fibreglass panels in emerald green, sapphire blue and brilliant, acrylic sheets, double insulating glass or special fillings like perforated plates with individual patterns or laminated motifs.



### Opening technology

### Stacking doors

## **SPACELITE®**

While opening, the door elements line up vertically and compactly behind the lintel. The door is suitable for almost any situation due to the wall fastening without ceiling suspension – in new builds and renovations.



# Stacking doors **SPACELITE®**

## The individual door

- Door formats up to 5.50 m width or 8.90 m height.
- Door panels with thermally insulated twin-walled fibreglass with an installation thickness of 40 mm.
- Light transmission up to 78 % (depending on colour and thermal insulation).
- Thermal insulation up to  $U_p = 1.4 \text{ W/m}^2\text{K}$ .
- Optional vision elements made of acrylic or real glass.







## Stacking doors **SPACELITE®** HTvision

### **The designer door**

- Door panels with ESG insulating glass and thermal insulation values up to  $U_g = 1.1 \text{ W/m}^2\text{K}$ .
- Real glass panels without vertical bars (inter-spacers) up to a door width of 3.98 m.
- Choose from different inter-spacer colours up to a door width of 5.50 m.
- Compliant with the Technical Rules for the Use of Glazing on Linear Supports (TRLV) and DIN 18008-2 for overhead glazing.



# Stacking doors **SPACELITE® XL**

## The extra-large doors

- Door formats up to 15 m width or 16 m height.
- Door panels with thermally insulated twin-walled fibreglass with an installation thickness of 60, 80 or 150 mm, door panel height approx. 1,000 mm.
- Thermal insulation up to  $U_p = 0.83 \text{ W/m}^2\text{K}$ .
- Optional integrated vision panels.
- Burglar-resistant design (resistance category WK3) available for SPACELITE HT150.



# Space for individual wishes



## Humid and wet areas

With an additional equipment package SPACELITE HT40 is suitable for permanent use in conditions prevalent in carwashes, providing reliable service at any time of the year. It looks the same as the standard design, helping to create a perfect uniform building design.



## Heat insulation

Do you have high requirements for cold protection to ensure good working conditions and energy savings? In this case we can equip the SPACELITE door with an extra insulation – both inside the twin-walled fibreglass panels and within the frame profile. An improved sealing also prevents draughts efficiently.



## Movable mullion

Two doors form a double door system for the widest possible opening. A movable mullion is placed between the two doors. It can easily be pushed to the side manually, creating almost the double the opening width.



## Laminated motifs

We produce the fibreglass panels ourselves. As a result, we can laminate individual motifs directly into the fibreglass. This facilitates a unique design for your company building at night, with every door becoming a luminous figurehead.



## Outdoor installation

Sometimes there is not enough space to install a door inside the building. SPACELITE provides a unique solution for these situations: the entire door structure can easily be installed on the outside of the building.



## Side part

For a consistent design, a fibreglass side panel can be fitted to the building facade next to the door. If a wider access is required in exceptional cases the side panel can be swivel-mounted.



## Door element

Separate access is the best option for a reliable separation of pedestrian and vehicle traffic. The material and design match to create a uniform appearance.



## Combination

This hybrid solution creates optimal conditions for operating hours and idle periods. It combines the high-speed NOVOSPRINT door designed for high clock rates at a fast pace with the SPACELITE outside door. During peak periods only the high-speed door is active. When everything is idle, SPACELITE guarantees secure building closure with perfect thermal insulation.



# High quality **High performance**

Butzbach industrial doors facilitate smooth flows and efficient operating processes. The low-wear door technology and the high “Made in Germany” quality deliver the proverbial Butzbach reliability and durability. Butzbach avoids high-maintenance and cost-intensive components, reducing running costs to a minimum. This is the most cost-effective approach in the long run.

Individual equipment options enable flexible modification to your precise operational requirements. They are the measure of all things. SPACELITE also harmonises perfectly with the architecture of the building, however, thanks to its innovative design. Butzbach doors meet the highest standards in terms of format, the material of the door fillings, safety and insulation.

Take advantage of our expertise in planning and consulting. It is the result of decades of experience and thousands of successful projects.



Door and facade of translucent fibreglass create impressive design and ergonomic aspects.





## All expertise in one team

When you collaborate with Butzbach you are choosing much more than just a good industrial door. You will have a whole team of experts at your disposal whenever needed throughout the entire product lifecycle.

Like the consulting, planning and production, professional installation is exclusively provided by highly trained personnel. You will always have a reliable partner answering any queries regarding maintenance and service. Our customer service team responds quickly to ensure safe operation of your plant – in many countries worldwide directly through our local partners.

Whether for spare parts or maintenance contracts, Butzbach is a strong partner you can rely on.

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# Butzbach solutions in all their variety



## Sectional doors

### **SECTIOLITE®**

- High opening speed and can be combined with other optional functions.
- Best working conditions in the building thanks to translucent fibreglass filling.
- Cost-effective, safe and reliable operation.



## High-speed doors

### **NOVOSPRINT®**

- Side opening for double speed and a clear increase in safety.
- Up to 350,000 openings per year: developed for the highest demands and frequency of use.
- Innovative durability, reliability and efficiency.



## Sliding doors

### **HANGAR DOORS**

- Complete reliability and operational safety.
- Best light conditions thanks to translucent fibreglass filling.
- Individual project support from the first draft to the aftersales service.



## Fibreglass facades

### **VARIOPLANplus®**

- Innovative material combination: aluminium frame with fibreglass filling.
- High transmission ratio, low dead weight, excellent thermal insulation properties and outstanding durability.



# Facts and figures

## Stacking doors **SPACELITE®**

Feature / door type		SPACELITE® HT40	SPACELITE® HTvision	SPACELITE® HT60/HT60XL	SPACELITE® HT80/HT80XL	SPACELITE® HT150/HT150XL
Performance data	Designed for opening cycles per year	50.000	30.000	30.000	30.000	30.000/15.000
	Short-period operation: opening cycles per hour	20	10	10	10	on request
	Wind load acc. to EN 12424	class 2-5	class 2-5	class 2-5	class 2-5	class 2-5
	Air permeability acc. to EN 12426	class 3	class 3	class 2	class 2	class 2
	Watertightness in heavy rain acc. to EN 12425	class 2	class 2	class 2	class 2	class 2
	Airborne noise insulation acc. to EN ISO 717-1 approx.	21 dB	21 dB	23 dB	25 dB	–
	Opening speed up to	40 cm/s	25 cm/s	14 cm/s	14 cm/s	10 cm/s
	Operating forces/safe opening acc. to EN 13241-1	yes	yes	yes	yes	yes
Door size	Width min./max.	1.000/5.500 mm	1.000/5.500 mm	1.000/7.500 mm	2.000/10.000 mm	2.000/15.000 mm
	Height min./max.	1.000/8.920 mm	1.000/4.000 mm	1.000/13.000 mm	1.000/16.000 mm	1.000/16.000 mm
	Single door panel height approx.	500 mm	500 mm	500/1.000 mm	1.000 mm	1.000 mm
	Lintel requirement min.	750 mm	750 mm	750/1.250 mm	1.250 mm	1.360 mm
Material	Twin-walled fibreglass panels, installation thickness in mm		40 mm	60 mm	80 mm	150 mm
	Real glass 2x4 mm ESG, (up to 3.98 mm without vertical inter-spacers, up to 5.5 mm with 1-2 inter-spacers)	24 mm	24 mm	–	–	–
	Insulation value Up up to	1.4 W/m²K	1.1 W/m²K	1.1 W/m²K	1.1 W/m²K	0.83 W/m²K
	Light transmission up to	47 - 78 %	82 %	47 - 78 %	41 - 75 %	20 - 55 %
	Fire performance acc. to EN 13501/protection class acc. to DIN 4102	E/B2	E/B2	E/B2	E/B2	E/B2
	Vision element panel Plexiglas/ESG single pane/ special filling	□	–	□	□	□
	Aluminium tracks mill finished / anodised and coated in RAL	■ / □	■ / □	■ / –	–	–
	Vision panel of insulating glass	□	–	□	□	□
	Steel door cassette, electrogalvanised	■	■	■	■	■ or primed
	Aluminium door panel profile anodised E6C0 / colour-coated	■ / □	■ / □	■ / □	■ / □	only in field of vision / or varnished in RAL on request
	Insertion foils to improve thermal insulation value	□	□	□	□	□
Drive/control	Drive unit	■	■	■	■	■ or hydraulic drive
	Relay/contact control 400V/50Hz, BDC E800R/S	■	■	■	■	■
	Frequency converter control 230V/50Hz, BDC E800F	□	□	–	–	–
	Emergency opening with hoist chain	■	■	■	■	■ / –
	Emergency opening with uninterruptible power source (BOS)	□	□	□	□	□
Options	Wet/humid area (e.g. car wash)	□	□	□	–	–
	Movable mullion	□	□	□	□	□
	Laminated motif	□	–	□	□	□
	Combination with NOVOSPRINT high-speed door	□	□	□	□	–
	Outdoor installation / with roof	□ / □	□ / □	□ / □	□ / □	□ / –
	Swivel-mounted side panel with or without doors	□	□	□	□	□
	Fixed panel with or without doors in matching look	□	□	□	□	□

■ Standard

□ Optional

Figures may vary depending on size, application and equipment.  
The doors shown in this brochure may include extras. Subject to technical modification.

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