

Design & Safety.
Security doors by Butzbach
RC2 | RC3 | RC4

BUTZBACH - THE DOOR COMPANY.®





Safe &
aesthetic

100%
Made in
Germany

Security through experience

The Butzbach company was **founded in 1953** and is now run by the third generation as a German family business. With over 280 employees, we specialise in industrial and hangar doors.

Security is at the core of our door solutions – because the protection of industrial facilities, public institutions, and their valuable resources is more crucial than ever. Our doors offer **tested burglary protection**, combined with secure and user-friendly operation. Whether compact or large-format doors, **functionality and security** complement each other perfectly.

We also place great emphasis on aesthetics. Our door systems not only provide protection but also impress with their **elegant design**, seamlessly integrating into any architecture. Security and style – perfectly combined in our innovative door systems.



**Efficient & safe
stacking-doors
SPACELITE®**

The opening principle

When opened, the door elements line up vertically and compactly behind the lintel. Due to its wall-mounted design without ceiling suspension makes the door suitable for almost all installation situations – in new builds and refurbishments.



The door panel filling

Our RC2, RC3 and RC4 certified stacking doors are equipped with individual door panels made from our own fibreglass manufactured in Germany. Thanks to its positive properties, this innovative material is also used in shipbuilding and in the aerospace industry.

In addition to the advantages such as stability, durability, thermal insulation and load-bearing capacity, fibreglass from Butzbach is particularly impressive due to its translucency and high-quality appearance.

Our fibreglass has been used in our industrial and hangar doors for over 40 years and is constantly being developed further.

Burglar-resistant stacking doors HT40 RC2|RC3

- Door dimensions up to 5.50 m wide or 9 m high
- Door panels with thermally insulated fibreglass filling with 40 mm installation thickness
- Light transmission up to 78% (depending on colour and thermal insulation)
- Thermal insulation up to $U_p = 0.65 \text{ W/m}^2\text{K}$
- Optional vision panels filled with acrylic glass

Style & safety.

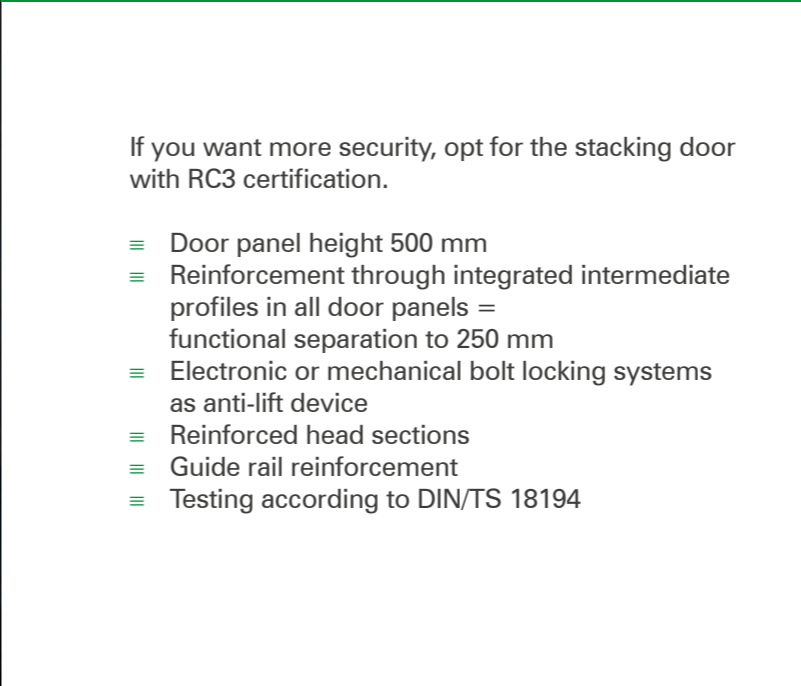
RC2 Certification



Our sophisticated stacking doors are already RC2-certified in standard version.

- Door panel height 500 mm
- Reinforcement through integrated intermediate profiles in panoramic door panels
- Defined minimum distance between door and control unit
- Testing according to DIN/TS 18194

RC3 Certification



If you want more security, opt for the stacking door with RC3 certification.

- Door panel height 500 mm
- Reinforcement through integrated intermediate profiles in all door panels = functional separation to 250 mm
- Electronic or mechanical bolt locking systems as anti-lift device
- Reinforced head sections
- Guide rail reinforcement
- Testing according to DIN/TS 18194



3:00 MIN



RC2



5:00 MIN



RC3



10:00 MIN



RC4

Burglar-resistant stacking doors in XL size HT150 | HT180 | HT180 Hybrid RC2|RC3|RC4

- Optionally in RC2, RC3 or RC4 design
- Door dimensions up to 19 m wide or 16 m high
- Door leaves with thermally insulated fibreglass infill with 150 mm, 180 mm or 205 mm installation thickness
- Light transmission up to 55% (depending on colour and thermal insulation)
- Door panel height approx. 1,000 mm
- Thermal insulation up to $U_p = 0.65 \text{ W/m}^2\text{K}$

**Grand design &
protection.**

Optimum safety & security For the operator

HT180
HT180 Hybrid
RC4

RC4 Certification

RC4-certified doors provide exceptionally high burglary protection, specifically designed to withstand attacks from experienced intruders.

- Tools:** Tested against the use of crowbars, hammers, chisels, saws, and drilling tools.
- Resistance Time:** Minimum of 10 minutes during which the door must endure these attack methods.
- Applications:** Ideal for high-security areas such as industrial or commercial facilities with elevated security requirements.
- Testing Standard:** Certified according to RC4 under DIN/TS 18194.

Additional safety features of Butzbach stacking doors:

Anti-drop device



The low-maintenance anti-drop device integrated in the tracks and thus protecting all sides, reliably catches any uncontrolled closing movement of the SPACELITE door panels. No components are damaged by this process and the **TÜV-tested anti-drop device** can be used again immediately after the door has been repaired and a professional functional test has been carried out. It is easy to assemble and therefore also ideal for retrofitting to all makes of door without anti-drop device.

Safety rails also prevent the door elements from dropping on the stacking cassette from the parking area.

Safety edge control

The reliable combination of optoelectronic safety edge control device and electromechanical overrun switches stops and reverses the door in every position of the closing process as soon as it encounters an obstacle. In addition, the door level can be protected without contact using a photo cell, a light grid or other sensors.

Minimizing the risk of injury

The solid tracks made of thick-walled aluminium are closed on three sides for maximum safety. This means that reaching into moving parts and the associated risk of crushing and injury is almost excluded. Furthermore, there is no risk of injury from protruding hinges, spiral cables or similar hazards, since these structural elements are completely omitted.

Overload protection

Unique, mechanical overload protection prevents damage to door components in the event of abnormal loads such as collisions or improper handling by immediately switching off the actuator.

Extreme climatic conditions

The fibreglass door filling and the aluminium frame material have almost identical thermal behaviour under extreme temperature conditions, which is why this material combination is ideally suited for safe use in all climate zones.

Burglar-resistant stacking-doors with side door RC2|RC3

Our burglary-resistant stacking-doors with side door provide comprehensive protection and maximum flexibility. The entire frame, including stacking-door and separate door, meets the requirements of resistance classes RC2 and RC3 – ensuring reliable security and ease of use.

Your benefits:

- ≡ **Comprehensive security:** Complete system of stacking-door, frame, and side door in resistance classes RC2 & RC3.
- ≡ **Additional safety:** Separation of pedestrian and vehicle pathways
- ≡ **Practical access:** The separate door next to the stacking-door allows for convenient entry without compromising security performance.
- ≡ **Flexible design:** Customizable to suit your architecture.

Ideal for those who value security and functionality – without compromising on design.



Tested and certified security.

Burglary protection at the highest level.
Without compromise on light transmission and design.
Butzbach offers certified security doors that perfectly combine protection and aesthetics.



Security certifications overview

1. Testing by ift Rosenheim:

- ≡ Our security doors have been tested by the renowned ift Rosenheim in accordance with the DIN/TS 18194 standard.
- ≡ Certified in resistance classes RC2, RC3, and RC4, they provide robust protection against forced entry.



2. „KEINBRUCH“-Seal:

- ≡ Our doors are part of the „KEINBRUCH“ initiative, a campaign by the police and business sector promoting burglary prevention.
- ≡ The seal emphasizes the quality and reliability of the products and is an important trust mark.



Your Benefits with Butzbach Security Doors

- ≡ **Maximum Security:** High-quality materials and advanced technologies ensure optimal burglary protection.
- ≡ **Light Transmission:** Even with a high security class, the design remains bright and welcoming.
- ≡ **Sustainability:** Robust constructions guarantee long-lasting protection, supported by regional manufacturing in Germany.

Rely on certified security and be convinced by the combination of functionality and design.

Burglar-resistant sectional doors RC2 | RC3

- Door dimensions up to 6 m wide or 5 m high
- Door panels with thermally insulated fibreglass infill with 40 mm installation thickness
- Light transmission up to 78% (depending on colour and thermal insulation)
- Door panel height approx. 500 mm in RC2 version and approx. 250 mm in RC3 version
- Thermal insulation up to $U_p = 0.65 \text{ W/m}^2\text{K}$

**Fast, elegant
& secure.**

The ideal solution For your application

Our SECTIOLITE sectional door stands for speed and security. In combination, our fibreglass provides light transmission, thermal insulation and lightness.

Speed

When speed is of the essence, the SECTIOLITE impresses with an opening speed of up to 1.5 m/s.

Windload resistance

The SECTIOLITE is also a highlight in terms of wind load, as it reliably withstands a pressure of up to 3.0 kN/m^2 . This corresponds wind speed of 250 km/h. The door can still be operated under wind loads of 1 kN/m^2 ($\triangleq 144 \text{ km/h}$).

Low lintel height

The SECTIOLITE sectional door in RC design is ideal for building situations with a low lintel height from 350 mm. The door size can be adapted to your requirements with millimetre precision up to a width of 6.0 m or a height of 5.0 m.

The opening principle

You can install SECTIOLITE in different ways depending on the structural conditions and installation situation:

1. When opening, the door sections are deflected under the ceiling and guided into the interior of the building. A headroom of 350 mm (500 mm in RC3 version) is sufficient for this.
2. Through the use of a roof guide fitting, SECTIOLITE adapts to the geometry of your ceiling design.
3. In the case of high headroom, a higher deflection ensures that the room height can be used almost entirely.
4. SECTIOLITE can also act as a vertical door without deflection if the height above the door opening allows it.



Security in XXL

Burglar-resistant hangar doors RC3

Improved security at airports

Even large vehicles and aeroplanes need to be protected. We installed our first hangar door at an airport in southern Germany back in 1984. This door is still running without any problems today. Over the years, we have also developed burglar-proof hangar doors in order to adapt to the changing requirements of the aviation industry. Our sliding doors are optionally RC3 certified.

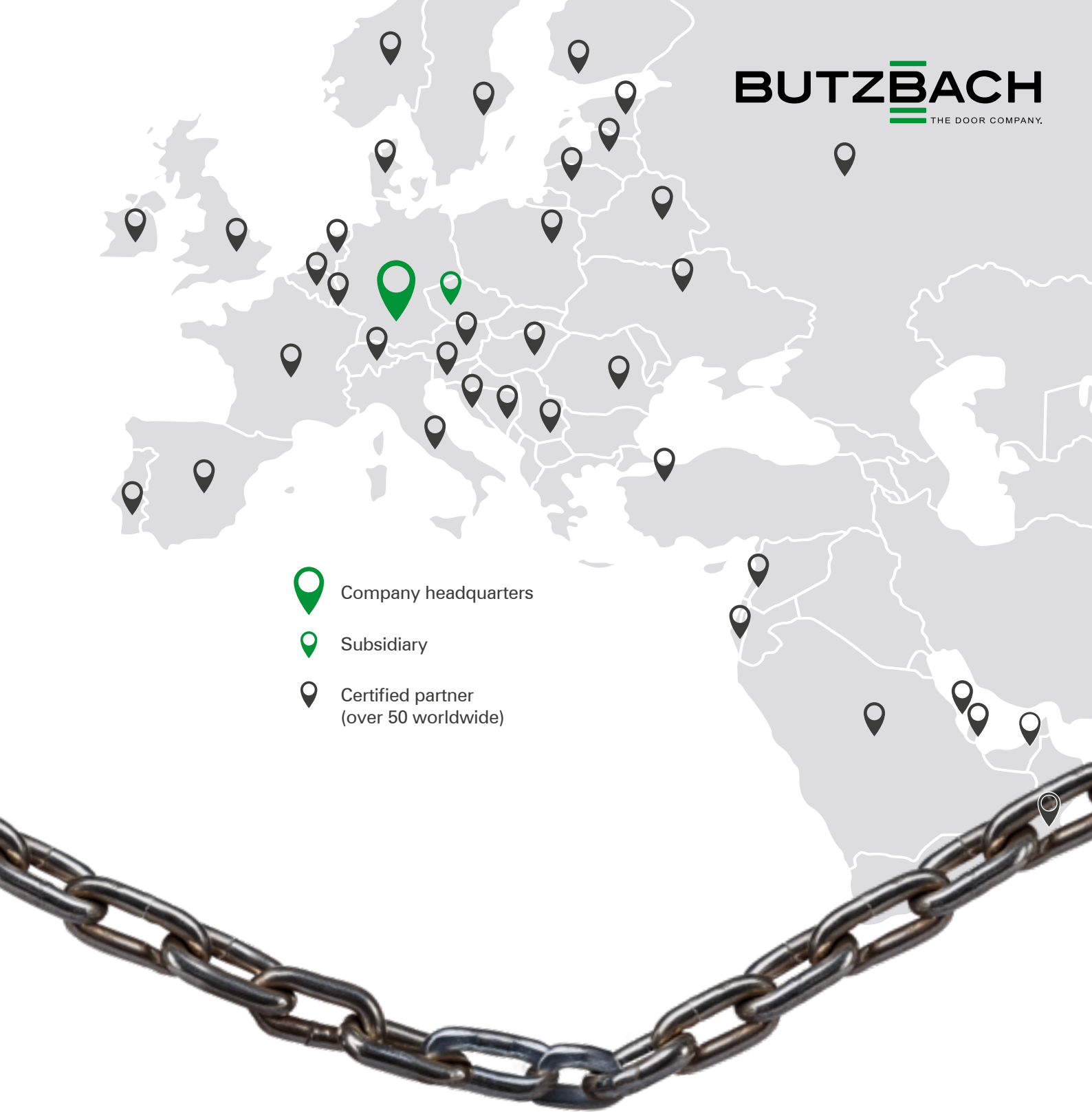
As we support you in all planning considerations right from the start, all security-relevant details can be defined and implemented in advance. Our specialists are on hand to answer any questions you may have about the design and planning of your hangar door.




Improved safety for man & machine

By complying with standardised specifications, our hangar door systems guarantee a high level of personal protection without exception. One example of this is the use of tested safety edges on the main closing edges. It is also possible to increase the property protection level of our door systems, according to your individual requirements. This is another reason why we offer you close co-operation during the planning phase of your building.

Another safety factor is our built-in pendulum brake. This effectively limits the speed of the door leaf on manually operated doors to prevent the risk of accidents and damage. The pendulum brake/detent only engages when a certain speed has been exceeded. This guarantees safe operation of the door system at all times.





-  Company headquarters
-  Subsidiary
-  Certified partner
(over 50 worldwide)

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BUTZBACH - THE DOOR COMPANY.®

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