

# AUTOMATIC SLIDING WALL SYSTEM STW



**GILGEN**  
GILGEN DOOR SYSTEMS

# CONVERTIBLE ROOM DESIGN



## **Maximum flexibility in room design**

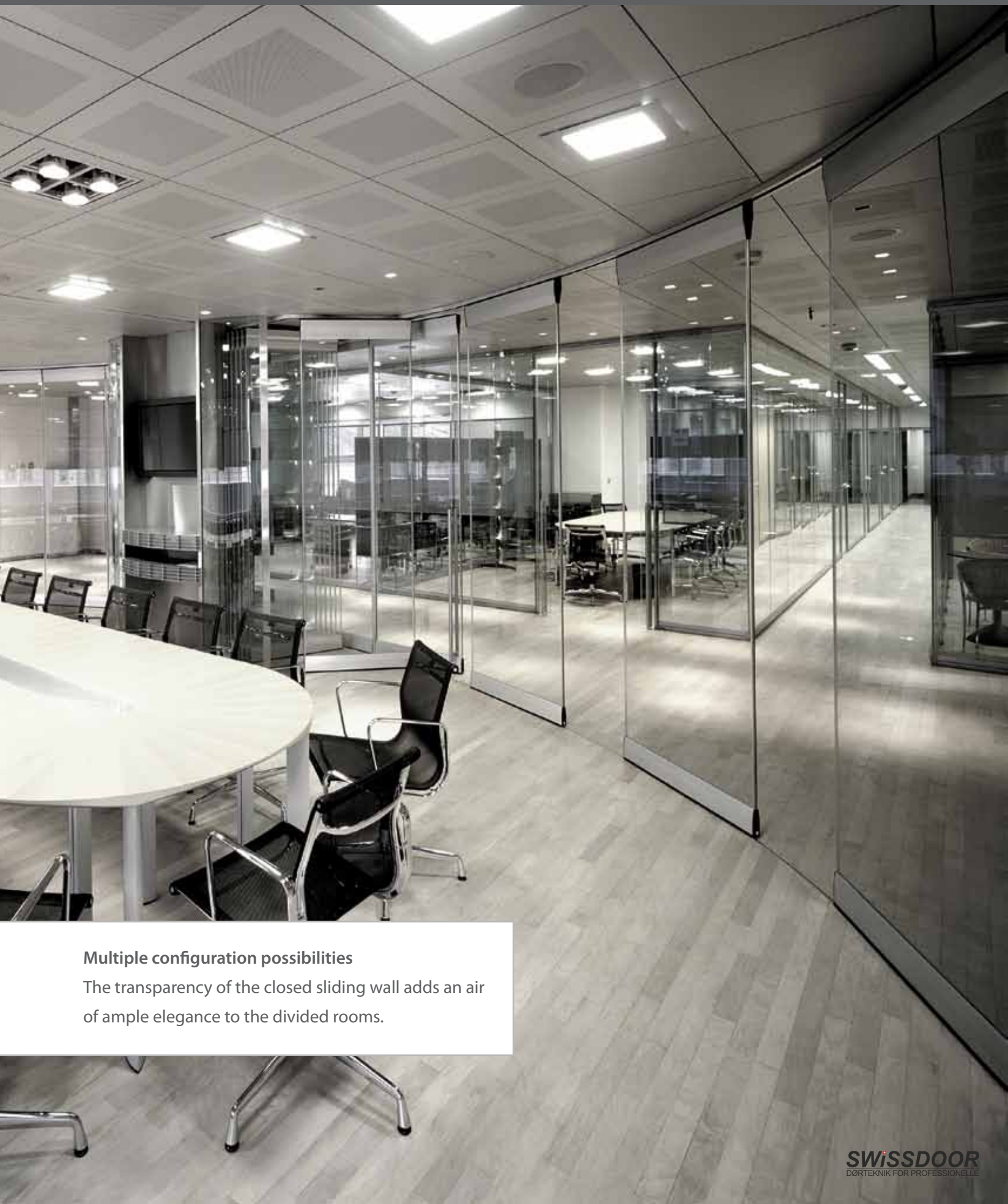
The Gilgen automatic sliding wall provides a simple, convenient way to divide open indoor areas.

---

## AUTOMATIC SLIDING WALL

- 2 Convertible room design
- 4 Creative design
- 6 Individuality emphasised by shape, colour and material choice
- 8 Design and functionality
- 12 User-friendly and safe
- 14 WK2 configuration
- 16 Plan with us

# CREATIVE DESIGN



## **Multiple configuration possibilities**

The transparency of the closed sliding wall adds an air of ample elegance to the divided rooms.



# Synergy based on functionality and design

Gilgen Door Systems combine customised configuration possibilities with the functional needs of convenience and security.

## Convertible room design

There is a constant growing demand for improved floor space usage. Showrooms, conference rooms, companies schools and hotels all require greater flexibility in the use of available space. The objective is to optimise the use of this space. The required room volume can now be configured at short notice at the push of a button.



## Possible configurations

- angular
- curved
- straight
- with integrated sliding door
- with integrated swing door

# INDIVIDUALITY EMPHASISED BY SHAPE, COLOUR AND MATERIAL CHOICE



Maximum freedom of design

# Individual design possibilities for room partitioning

In the closed state, the shape of the sliding wall adapts itself to the required lines and contours of the selected room concept. Thanks to the modular concept of this technology, the leaves can be created according to customer requirements, to match the room design.



Angular, curved or straight sliding wall configurations with a wide range of stacking area methods and invisible automation elements ensure a smooth integration into the overall architectural concept. The Gilgen slim profile system requires minimum space.

The wide range of leaf materials, such as all glass, glass panel in profile system, wood, metal, etc., your selected concept can be systematically implemented down to the last detail. In addition, many different types of surface treatments and color shades

are available to guarantee a harmonious finish and integration into the surrounding architecture.

# DESIGN AND FUNCTIONALITY

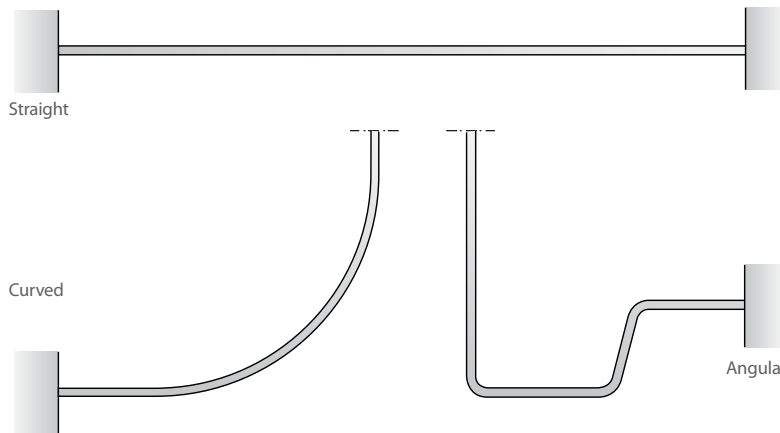


Flexible layout conception



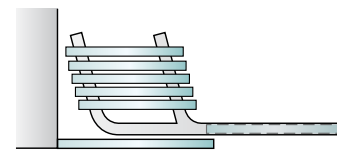
# Examples

## Sense of travel / travel distance

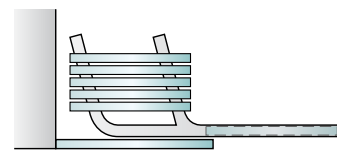


"Please contact us for further information on possible applications."

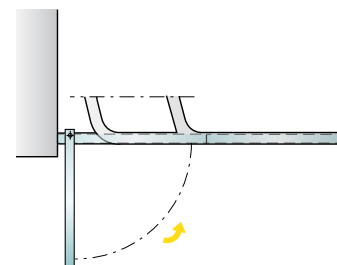
### Parallel stacking area



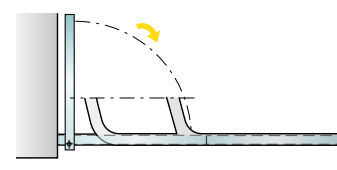
Type A



Type B \*

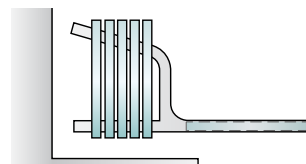


Type A and B with swing door

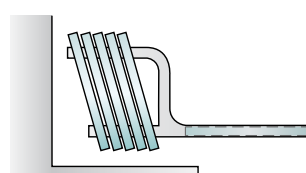


Type A and B with swing door

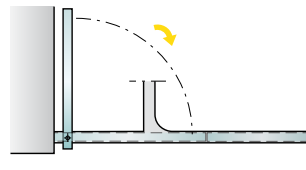
### Stacking area 90°



Type D \*



Type E



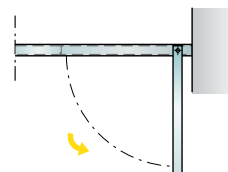
Type D and E with swing door

### Wall mounting

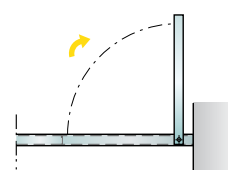
(Stacking area on opposite side)



with sliding door



with swing door



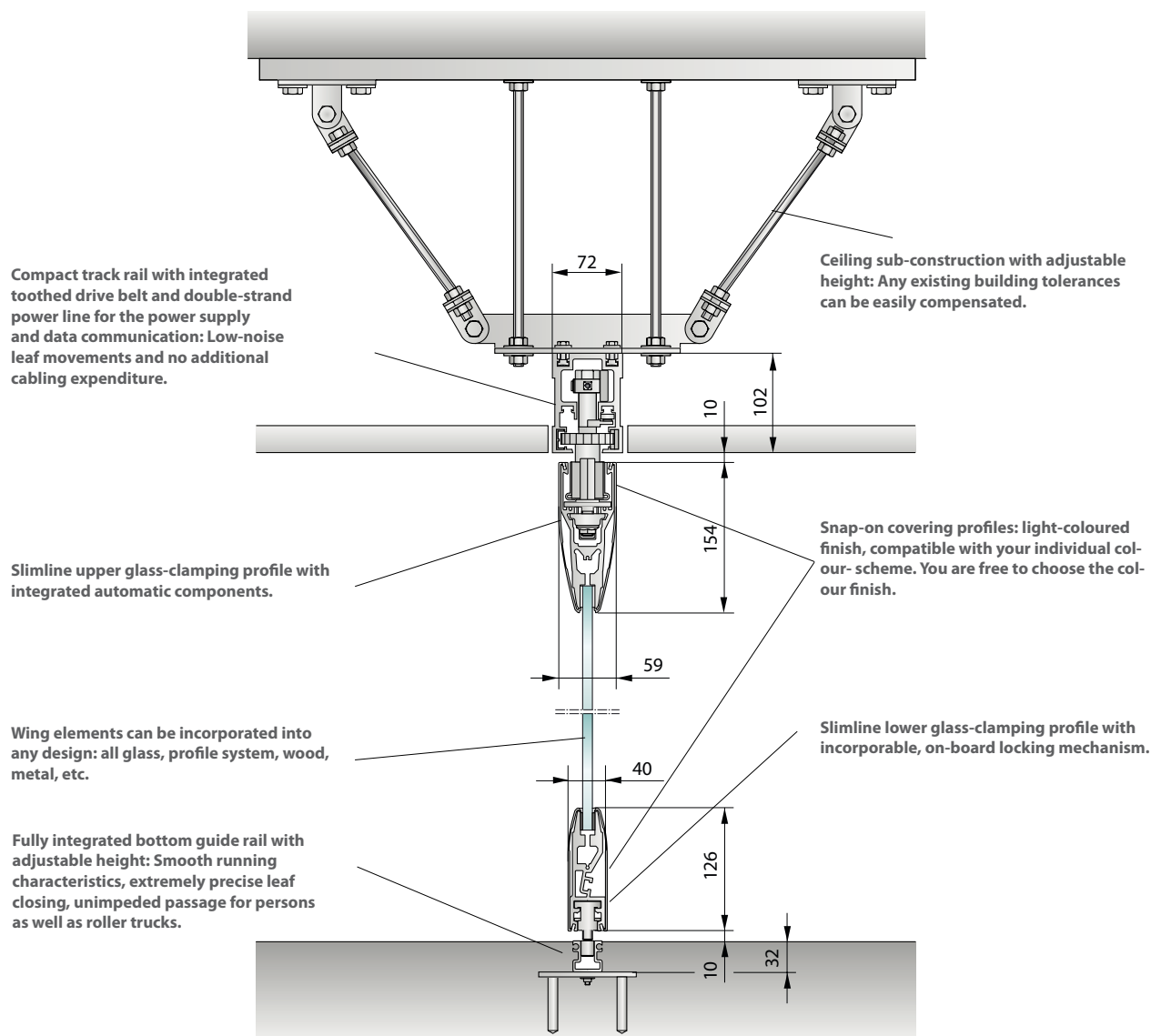
with swing door

\*Solution for a maximum of 10 leaves

# Modular system configuration, minimal fitting dimensions

## Field of application

Mains power supply	230 V, 50/60 Hz
Number of leaves per control	max. 30 leaves
Length of track rail per control	max. 40 m
Leaf width	750 - 1500 mm
Leaf height	depending of leaf weight and leaf width max. 3600 mm
Leaf weight	max. 180 kg
Safety glass	ESG 10 / 12 mm, VSG TVG 10 / 12 mm, with frame profile up to 24 mm max.



### System components

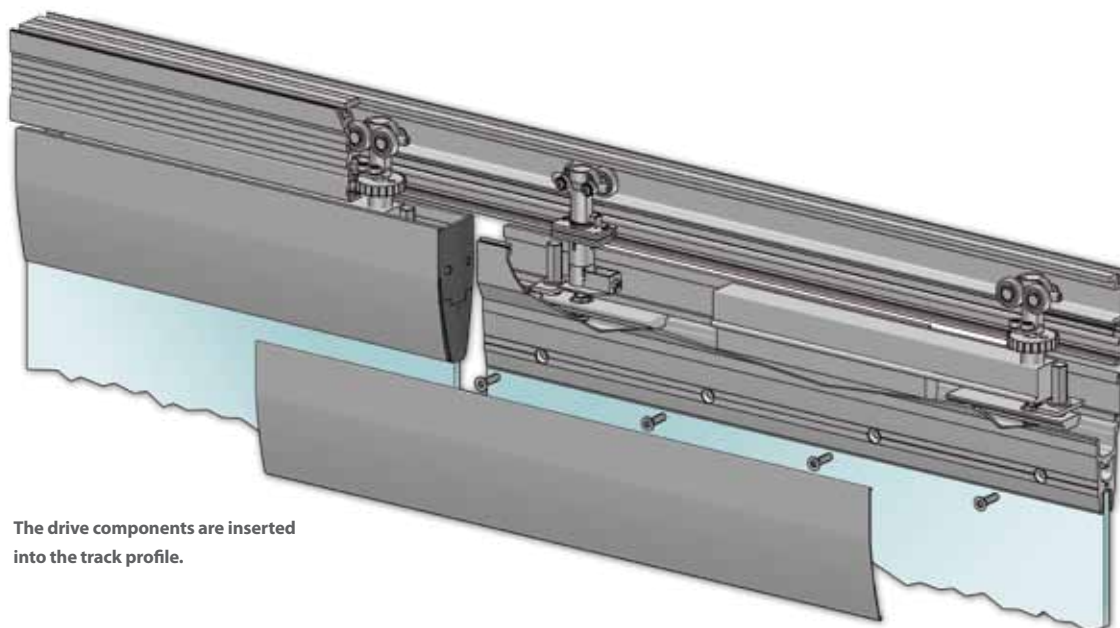
The Gilgen automatic sliding wall system STW consists of components designed for combination into a single overall system.

### Invisible automation elements

Each leaf is equipped with two built-in high-precision traveling carriages, a power pick-up unit and a compact drive module.

### Tried and tested clamping system

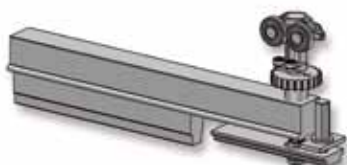
The glass is clamped into the upper and lower aluminium profiles. This permits faster, more flexible installation, increased operating reliability and greater flexibility with respect to leaf dimensions and their weights.



The drive components are inserted into the track profile.



The traveling carriage with the current pick-up trolley ensures the power supply and data communication with the central control unit.



The traveling carriage with integrated drive module guarantees smooth leaf movements and a precise positioning in the destination positions.



Optional embedded floor lock. A stud is inserted into the bottom guideway when activating the embedded floor lock.

# USER-FRIENDLY AND SAFE





# The Gilgen sliding wall provides style, comfort and high safety

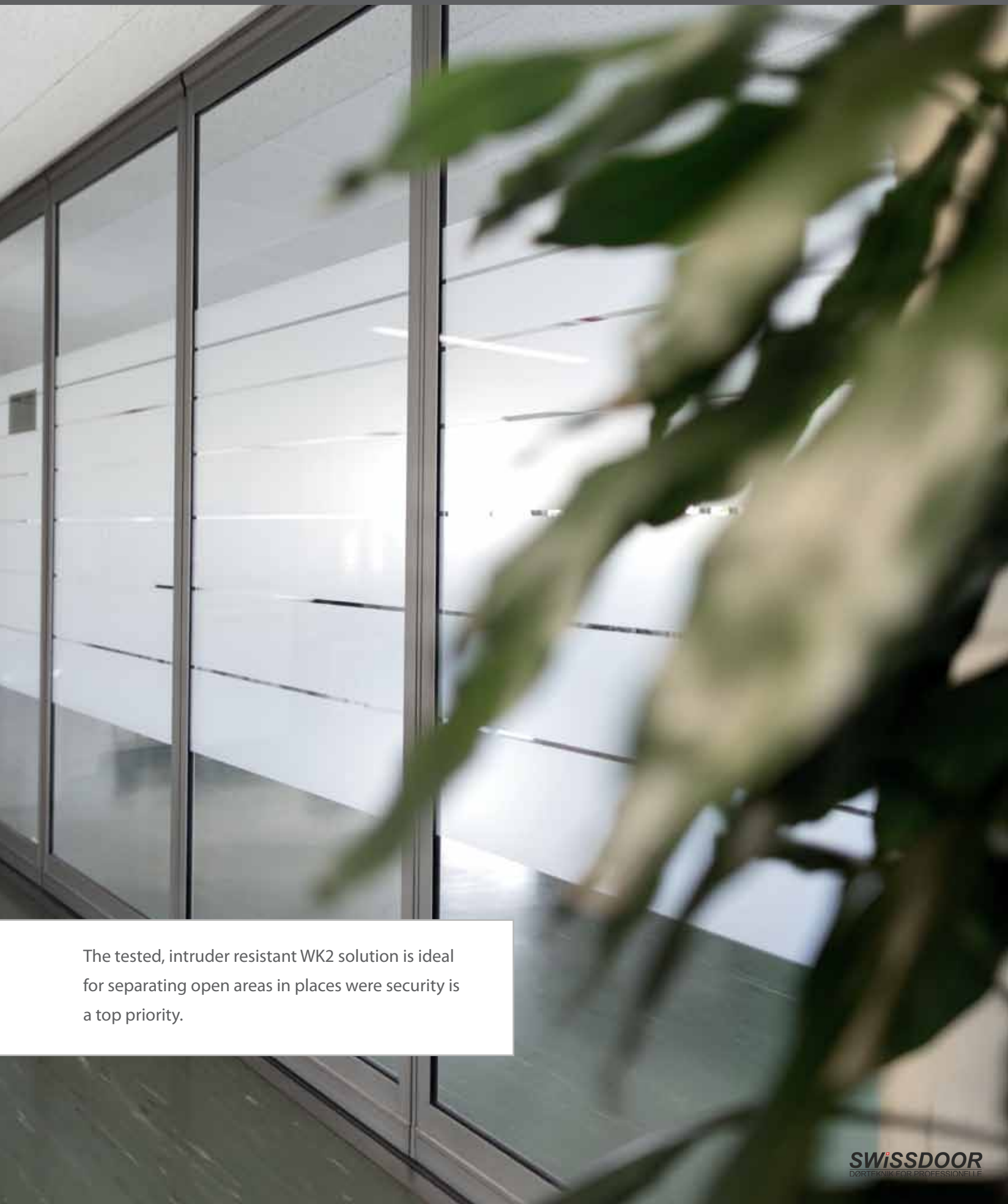
## **Optimum safety in every situation**

Monitored operating sequences and a sensitive obstacle detection system (TÜV tested) guarantee maximum user safety.

The mechanism can be operated manually without difficulty in the event of a power failure.



# WK2 CONFIGURATION



The tested, intruder resistant WK2 solution is ideal for separating open areas in places where security is a top priority.

### Intruder resistant components including slimline design

The reinforced wing system, complete with safety glass, full-length bottom guideway and automatic locking mechanism, is designed to ensure efficient break-in prevention. The positive latching of the closed door leaves prevents unauthorised attempts to enter, while still giving the overall system an attractive look.

### Tested in accordance with break-in resistance class 2 (WK-2)

The Gilgen STW automatic sliding wall system in its WK2 configuration has been tested to European standards.

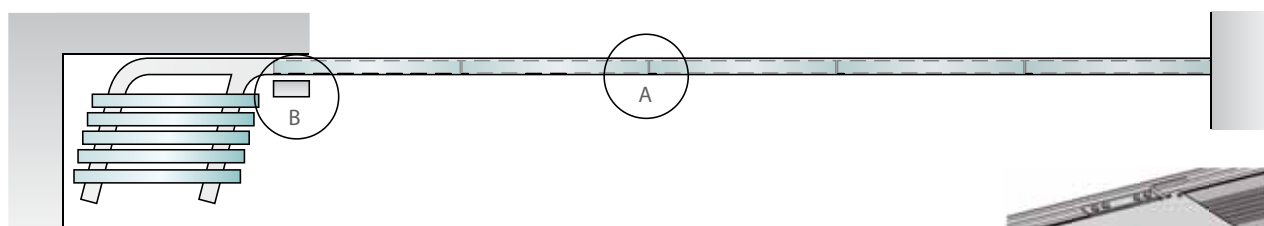
It successfully fulfils the requirements regarding static and dynamic stress loads, along with the break-in tests specified for the WK2 rating.

The automatic, German Association of Burglary Prevention (VdS)-tested locking mechanism can be connected, if desired, to the customer's own alarm system.



### Field of application

Mains power supply	230 V, 50/60 Hz
Number of leaves per control	max. 15 leaves
Length of track rail per control	max. 22,5 m
Leaf width	750 - 1500 mm
Leaf height	depending of the leaf weight and leaf width max. 3600 mm
Leaf weight	max. 180 kg
Glass	P5A (DIN EN 356)



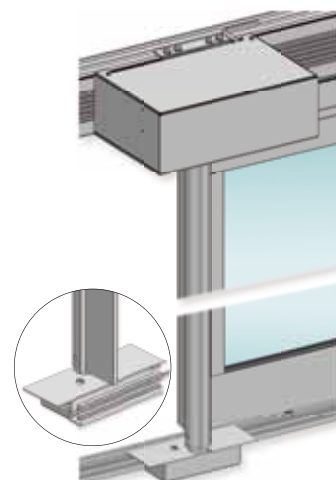
#### Detail A

In the closed position, the wings engage with each via a groove and comb.



#### Detail B

In the closed wall position, automatic locking of the final leaf.



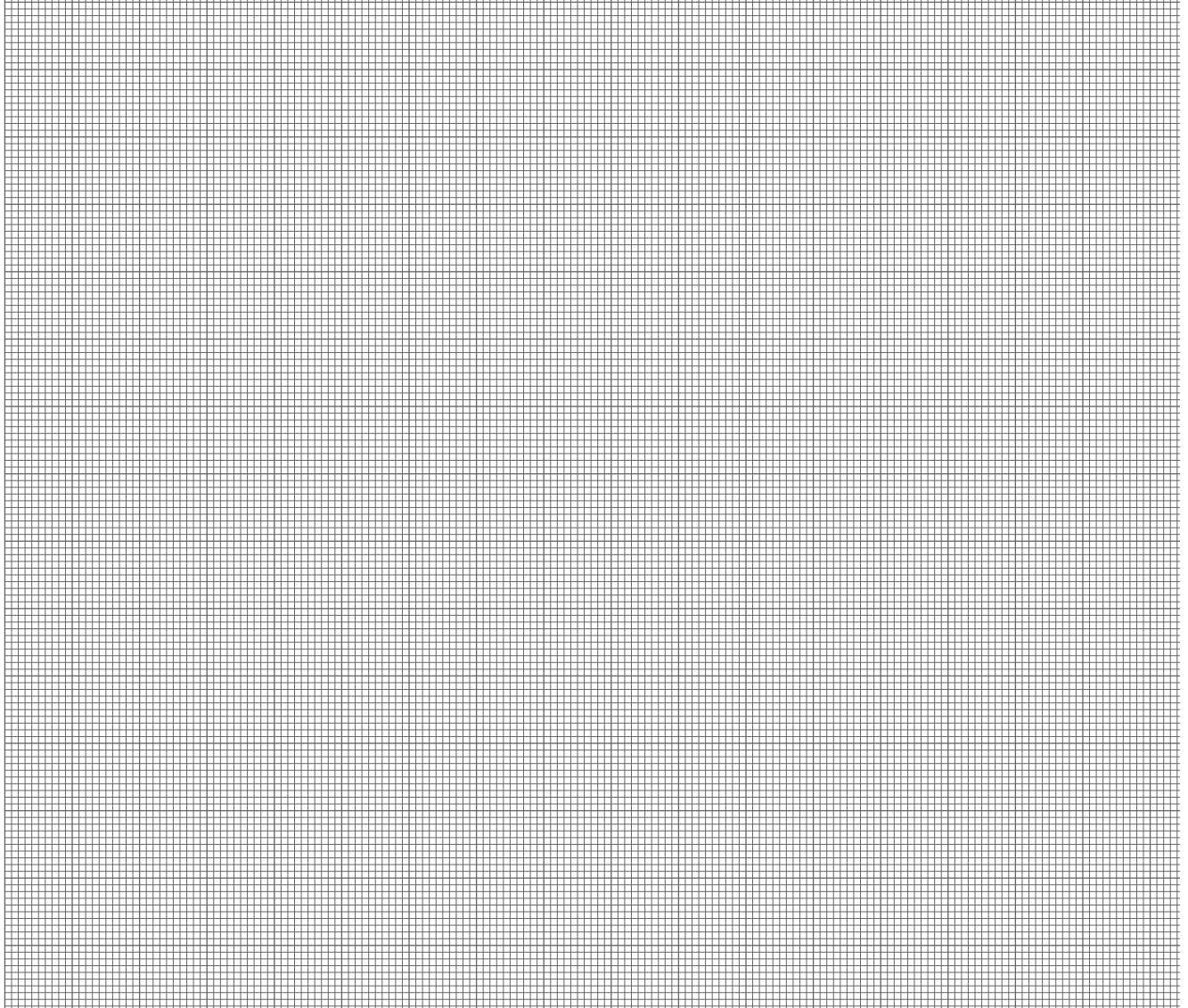
PLAN WITH US





---

## Your notes



---

---

---

---

---

---

---

# Your notes



---

---

---

---

---

---

**Headquarters**  
Gilgen Door Systems AG  
Freiburgstrasse 34  
CH-3150 Schwarzenburg  
Tel. +41 31 734 41 11  
Fax +41 31 734 43 79  
[www.gilgendoorssystems.com](http://www.gilgendoorssystems.com)

**Sales Switzerland**  
Gilgen Door Systems AG  
Untermattweg 22  
3027 Bern  
Tel. 0848 80 44 88  
Fax 031 985 36 01  
[www.gilgendoorssystems.ch](http://www.gilgendoorssystems.ch)

**Gilgen Door Systems AG**  
In der Au 5  
CH-8406 Winterthur  
Tel. 0848 80 44 88  
Fax 052 268 90 10  
[www.gilgendoorssystems.ch](http://www.gilgendoorssystems.ch)

**Gilgen Door Systems SA**  
Route des Avouillons 30  
CH-1196 Gland  
Tel. 0848 80 44 88  
Fax 022 999 60 80  
[www.gilgendoorssystems.ch](http://www.gilgendoorssystems.ch)

Dansk leverandør:

**Swissdoor ApS**  
Stenhuggervej 2  
5471 Sønderød  
Danmark  
Tel. +45 86 28 00 00  
[email@swissdoor.dk](mailto:email@swissdoor.dk)  
[www.swissdoor.dk](http://www.swissdoor.dk)

**Gilgen Door Systems Germany GmbH**  
Münchener Strasse 22  
DE-64521 Gross-Gerau  
Tel. +49 61 52 92 52 60  
Fax +49 61 52 92 52 70  
[www.gilgendoorssystems.de](http://www.gilgendoorssystems.de)

**Gilgen Door Systems Austria GmbH**  
Concorde Business Park 1 / E/ 1 / 4  
AT-2320 Schwechat  
Tel. +43 17 06 58 66  
Fax +43 17 06 58 56  
[www.gilgendoorssystems.at](http://www.gilgendoorssystems.at)

**Gilgen Door Systems France S.A.S.**  
21, rue Alexis de Tocqueville  
Siliç 5 - Immeuble Ampère  
FR-92182 Antony Cedex  
Tel. +33 1 46 66 66 80  
Fax +33 1 56 45 29 66  
[www.gilgendoorssystems.fr](http://www.gilgendoorssystems.fr)

**Gilgen Door Systems UK Ltd.**  
Halesfield 4  
GB-Telford, Shropshire TF7 4AP  
Tel: +44 870 000 5252  
Fax +44 870 000 5253  
[www.gilgendoorssystems.co.uk](http://www.gilgendoorssystems.co.uk)

**Gilgen Door Systems Italy S.r.l.**  
Via della Fisica, 4  
40068 San Lazzaro Di Savena (BO)  
Tel. +39 051 70 49 45  
Fax +39 051 63 25 099  
[www.gilgendoorssystems.it](http://www.gilgendoorssystems.it)

**Gilgen Door Systems Spain**  
Tel: +34 93 590 71 94  
Fax +34 93 590 71 94  
[www.gilgendoorssystems.es](http://www.gilgendoorssystems.es)

**Gilgen Door Systems (Suzhou) Co. Ltd.**  
Block No. 28, Unit A  
Suchun Industrial Square  
428 Xinglong Street  
Suzhou Industrial Park  
CN-215125 Suzhou  
Tel: +865 12 62 83 62 28  
Fax +865 12 62 83 63 38

**Gilgen Nabtesco (Hong Kong) Limited**  
1121 - 1123 Hollywood Plaza  
610 Nathan Road  
Monkok, Kowloon  
Hong Kong  
Tel. +852 35 80 77 08  
Fax +852 37 41 09 19