

Industrial Sectional Doors

STEEL AND ALUMINIUM DOORS
CONVINCING FUNCTIONALITY, TECHNOLOGY
AND DESIGN

**NEW: Wicket door with
minimal threshold height**



Teckentrup
Doors · Frames
**Industrial door
Configurator**
www.teckentrup.biz

WE OPEN THE DOORS FOR PROGRESS

Teckentrup
Doors · Frames

For Modern Facade Architecture

EXPRESSIVE, IMAGE-ENHANCING DESIGNS

1



The Entire Range

LARGE CHOICE OF DOORS



Sectional door type SW

Double-skinned steel door.



Sectional door type SW 80

High insulation value, energy-saving steel door for perfect heat and cold insulation.



Sectional door type SL

Glazed door made of an aluminium frame section.



Sectional door type SLX

Glazed door made of an aluminium frame section – glazing elements without mullions.



Sectional door type SLW

A combination of steel and aluminium.

Teckentrup sectional doors – A perfect solution for each and every requirement

The various basic door types SW, SW 80, SL, SLX and SLW, together with a whole host of design possibilities make Teckentrup sectional doors flexible enough to meet most requirements. In addition to space-saving, vertical guide rail systems, the sectional door system is characterized by its low-noise operation, robust surfaces and design diversity. Attractive glazing elements and easy-to-integrate side and wicket doors ensure that most requirements can be met.

State-of-the-art drive and control systems are available for all door types.

CONTENTS

Teckentrup quality doors	Page 4
For every requirement	Page 6
Innovative special solution	Page 9
Planned for perfection	Page 10
Special architect's program	Page 12
Wide range of design	Page 14
Sectional door type SW	Page 16
Sectional door type SW 80	Page 18
Sectional door type SL	Page 20
Sectional door type SLX	Page 22
Sectional door type SLW	Page 24
Fire brigade sectional doors	Page 26
Transparent solutions	Page 28
Wicket door with low threshold	Page 30
Matching side door	Page 31
Certain details in summary	Page 32
Intelligent installation benefits	Page 34
Quick start-up	Page 36
Versatile operating systems	Page 38
High-quality control system	Page 40
Comfortable operation	Page 42
Door types and technical data	Page 44
Doors from one source	Page 46

Teckentrup Quality Doors

SAFE AND SECURE DESIGN

MADE IN
GERMANY



Future-proof developments and the continuous improvement of existing systems are standard procedure at Teckentrup. Innovative solutions and creative technologies allow us to achieve groundbreaking advances in door production. Excellent examples are the problem areas of fire, smoke noise protection, security and heat insulation. First class materials, precise processing and continuous quality checks in accordance with DIN ISO 9001 guarantee perfect safety, reliability and long service life. This ensures that every Teckentrup product is a worthwhile investment. All Teckentrup sectional doors comply with the safety requirements of current European standards.

Teckentrup sectional doors meet all the safety requirements and provisions of EN 13241-1

- Mechanical aspects
- Safety in use
- Heat insulation
- Sound insulation
- Watertightness
- Resistance to wind

For further information, see page 44-45.



AESTHETICALLY PLEASING, INSTALLATION FRIENDLY, INNOVATIVE



Wide range of designs

Planners benefit from a wide range of designs. Modern surfaces, e.g. the striking “micro-profiled” structure, and an abundance of colours, including various wood designs and attractive glazing elements, ensure there are no bounds to creativity.



e.g. micro-profiled, galvanized finish

Unique installation advantages

Intelligent product optimization ensures that installation of our doors is fast and simple, without having to compromise on proven quality. Numerous prefabricated parts reduce the installation time, prevent errors and increase efficiency.



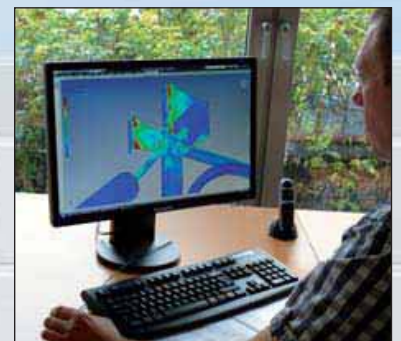
Comfortable operation

State-of-the-art drive and control systems are perfectly harmonized to guarantee easy assembly and programming. Manually operated doors are factory pre-equipped for electric drives for quick and easy retrofitting.



Innovations

Teckentrup's experience and creative ideas are the basis for new products: e.g. the fully glazed SLX doors or energy-saving designs, such as the highly insulated energy-saving door SW 80.



For Every Requirement

ALWAYS THE PERFECT SOLUTION

Teckentrup sectional doors come in a wide variety of designs with various features for most industrial or commercial purposes. Whether for heated or unheated areas, depending on the individual requirements, all versions guarantee:

- Extreme robustness
- Reliable and low-noise operation
- Safe operation in compliance with current safety requirements
- Design-oriented surfaces and optimum light solutions



Sectional door SL with permanent header casing.

Sectional door SW with glazed strip for loading bays.



FOR INDUSTRIAL, COMMERCIAL AND AGRICULTURAL BUILDINGS



Sectional door SL filled with ISO panels.



Sectional door SLW.



Sectional door SW, matches the colour concept of the facade.



Sectional door SL with wicket door as the entrance to a football stadium.

Sectional door SL in a car wash.



No Limits

IDEAL FOR ALL AREAS

High-level stability

The robustness of the door systems ensures they can be used in most situations. Teckentrup sectional doors offer safe and reliable operation even when being used by large machines and vehicles, even in agricultural or multi-purpose buildings. The flexible design allows easy adaptation to structural conditions.



Sectional door SW, "unribbed" version, at a wine depot.



Sectional door SLW which can reflect the corporate design of a company.



Sectional door SW with glazed strip and "Golden Oak" design.

Sectional door SW with tapered bottom section.



Innovative Special Solutions

FLEXIBLE AND INTELLIGENT

Drive system without springs – extremely efficient for high usage doors

When large door systems are used or frequent operations are expected, we recommend drive systems without springs. In these cases, Teckentrup cable drums to suit the weight of the door and powerful motors guarantee safe and low maintenance door operation. The elimination of torsion springs means that installation is easy and springs no longer have to be readjusted or replaced; saving time and costs.



Installation friendly fitting systems – now even faster and simpler!

An example of clever technical solutions is the installation set for low headroom fitting (NSH, NSD) and for lower spring shafts (HLU, HLDU, VLU). These fittings are supplied as standard with a door-matching galvanized support pipe which creates a quick connection to the spring shaft via special clamps. Lateral consoles are pre-assembled for connection to the runner rails.



Spring shaft connected to the galvanized support pipe via special clamps.

Planned to Perfection

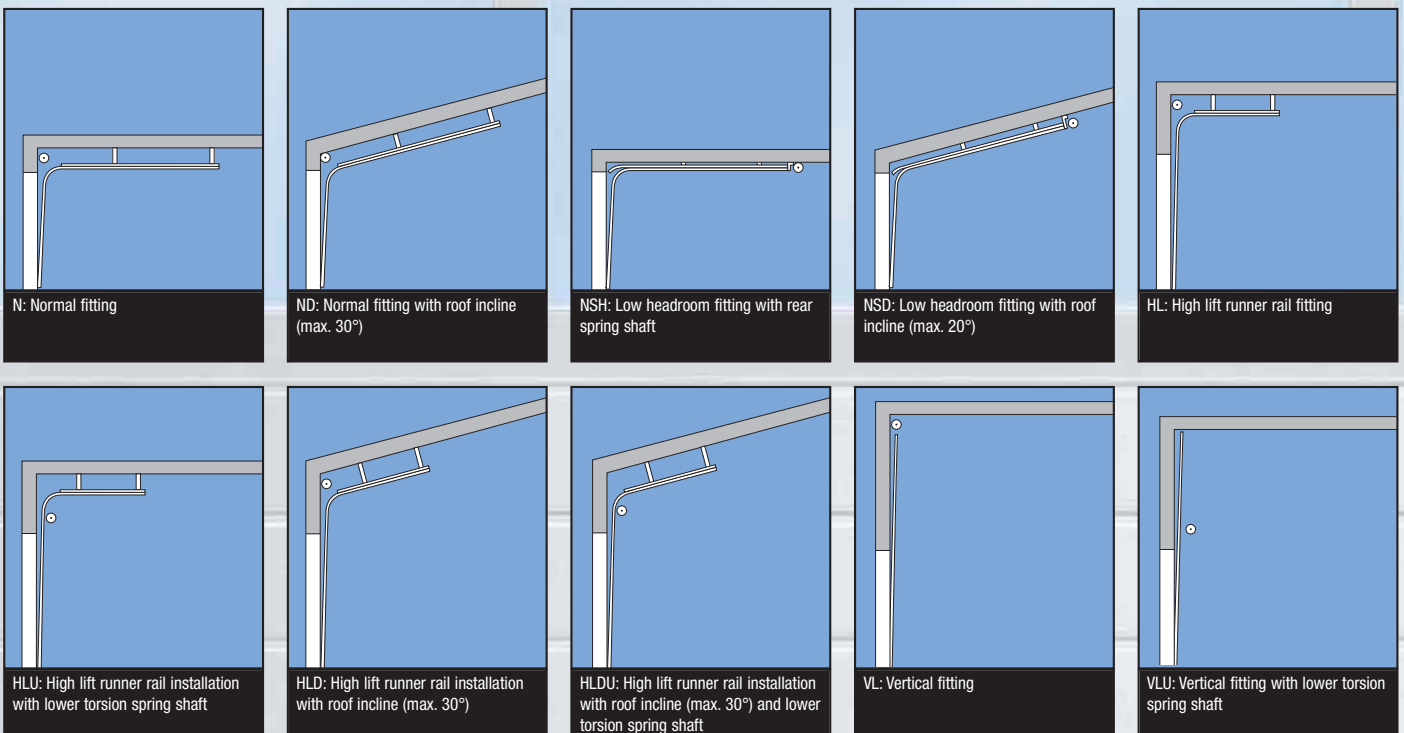
FITTING TYPES FOR EVERY BUILDING



Sectional door SLW, low headroom fitting with rear spring shaft, for headroom requirement above 270 mm, and reduced sideroom requirement.

The door guide mechanism is adapted to local conditions to facilitate tall buildings or if work inside the hall should not be interrupted by door movements. For example, crane operation can be facilitated by installing high lift runner rails with a 90° bend. Numerous fitting types are available for Teckentrup sectional doors.

Minimum headroom requirement:
Normal: above 400 mm, Low headroom: above 270 mm



INDIVIDUALLY COORDINATED



Safe and Fast Planning

WITH OUR SPECIAL ARCHITECT'S PROGRAM

Now even
faster and
easier online



Teckentrup's extensive service program supports planners and architects. Technical data, drawings and specification texts are available online for downloading or in printed format. The new Teckentrup industrial door configurator is a unique and fast tool.

It offers a virtual selection and design for each specific structural specification. Define the perfect sectional door click-by-click – size, appearance, fitting, control, drive. The configurator provides a detailed specification text including visual images and automatically executes a plausibility check – thus helping to prevent errors.

The configured door system can be sent directly to Teckentrup as a request. You will then receive a quote from a local specialist dealer.



TECHNICAL DATA, TECHNICAL DRAWINGS, SPECIFICATION TEXTS

Planning support

Teckentrup provides special installation data for sectional doors to facilitate detailed planning.



Planning folder

The planning folder contains data and facts for the entire Teckentrup product range.




Einbaudaten
für Industrie-Sectionaltore

15. Platzbedarf Typ "NSD" - Niedrigturm-Beschlag mit Dachfolge

Erfinderische Kreuzgrößen	LS	AS	Erfinderische Anzahl der Abhängungen
Min-Einbauhöhe	120	120	Bis 2000 mm Teils: 2 Stück Abhängungen pro Seite
Max-Einbauhöhe	120	120/180	Bis 4000 mm Teils: 3 Stück Abhängungen pro Seite
Abhängenabstand (max. 20 Lagen)	120	120/150	Bis 5000 mm Teils: 4 Stück Abhängungen pro Seite
Abhängenabstand	120	120/150	Über 5000 mm Teils: 5 Stück Abhängungen pro Seite
Abhängenabstand (1. bis 20. Abhängen 20 kg)	120	150	

Wenn Hochwasser außen, Pfeilblech möglich nur
hängende Montage / Durchdringung notwendig! Bitte
Lager- & Abstandsmaße prüfen
nicht! Befestigungsblech außen
Nur Anbringen in den

 Mit erfinderischer Anzahl der "Einbaudaten" / Pfeilblech ohne Befestigung

Erfinderische Stützweiten	DA 9"	DA 10"	DA 12"	DA 20"	S
Min-Einbauhöhe SW	9 - 79	9 - 85	9 - 89	9 - 95	210
Max-Einbauhöhe SW					210
Min-Einbauhöhe SW 90	9 - 80	9	9 - 89	9 - 90	210
Max-Einbauhöhe SW 90					210

SW 90: max. 23 m² Teilbreite
SW 90: max. 2000 mm Anhöhe

SW: Stützweite SW auf Anfrage möglich



AS: Antriebsmotor
BS: Beschleunigung
DA: Beschleunigung
DS: Beschleunigung
ET: Einbaudaten
LS: Antriebsmotor
MS: Motor

SW: Stützweite
SW 90: Stützweite SW 90
SW 90: Stützweite SW 90
SW 90: Stützweite SW 90



Our service at a glance:

- Project planning support
- Dimensioning and bidding aids
- Professional installation
- Advice for technically sophisticated solutions – also on-site
- Rapid and reliable processing of quotes and orders
- Inspection and maintenance
- Extensive knowledge of laws and regulations
- Increased flexibility for production and deliveries



Wide Range of Designs

NUMEROUS SURFACES

The optical impression given to a building by the doors is of great importance and can even be seen as the perfect medium for communicating a company's corporate design.

The wide range of finishes, surfaces and colours available from Teckentrup allows planners and architects to be highly creative and to carry out their own individual design visions.

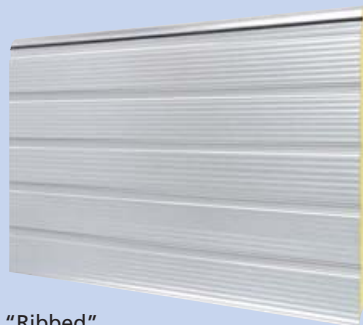


Standard equipment

Representative optics



"Ribbed"
galvanised, "stucco"



"Ribbed"
galvanised, "micro-profiled"



without "ribs"
galvanised, "micro-profiled"

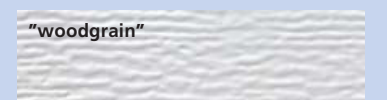
Two modern embossments
"ribbed" and "without ribs"
with optimum resistance
(galvanised with a transparent
protective film).

Special equipment –

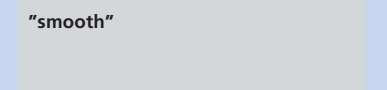
with further design options



"Centre ribbed"



"woodgrain"



"smooth"

"Wood designs"



FREEDOM FOR INDIVIDUAL DESIGNS



Selected standard colours at favourable prices (for type SW)

Flame red
Gentian blue
Fir green
Anthracite grey
Sepia brown
Grey white
White aluminium
Grey aluminium
Traffic white

Wide range of colours

The wide range of colours helps to create amazing designs.

Planners can create impressive facades, without having to compromise on the quality.

Teckentrup sectional doors with matching, individual corporate design colours can be integrated into the overall appearance of buildings.

Optional:

All RAL and NCS colours.



All colour images may differ from actual product. Simply ask your authorized dealer for more details.

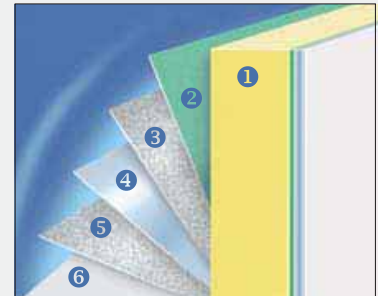
Sectional Door Type SW – The Double-Skinned Door

- STEEL PANELS, 40 MM THICK
- DOUBLE SKINNED, PU FOAM CORE
- OPTIONAL VISION PANELS

Our standard door – the cost-effective version
Galvanized finish with transparent protective film

- Modern high-tech look
- Less expensive than coated doors but with the same high resistance and long life cycle
- “Micro-profiled” surface
- “Ribbed” or “unribbed” design

Extremely durable thanks to the multi-layer design



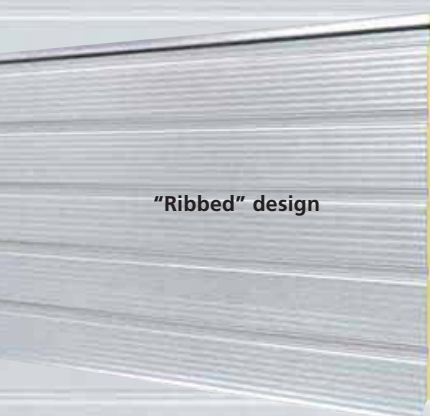
- 1 High strength PU rigid foam
- 2 Primer
- 3 Galvanized
- 4 High strength steel
- 5 Galvanized
- 6 Finished surface



Surface:

- Outer surface micro-profiled, inner surface stucco design with optimum corrosion protection thanks to the galvanized finish.
- Transparent protective film as standard.
- Also available as an option with double-sided basic coating in many standard colours or other RAL and NCS colours, see page 15.

For further information, see page 44/45.



Sectional door SW with glazing.



... HEAT INSULATION

Micro-profiling –

the exclusive design

The special, fine ribbed, wear-proof surface is extremely robust and provides planners with innovative creative opportunities.



Sectional door SW, "ribbed" micro-profiled, galvanized finish.

Sectional door SW, designed to match the colour of the facade.



Sectional Door Type SW 80 – The Energy-Saving Door

- STEEL PANELS, 80 MM THICK
- DOUBLESKINNED, PU FOAMCORE
- AS AN OPTION WITH GLAZING

Highly insulated and storm-proof

- Saves energy – reduces costs
- 50% increase in heat insulation
- U value = 0.58 W/m²k
- Storm-proof: Resistance to high wind loads up to class 4 (= 144 km/h)



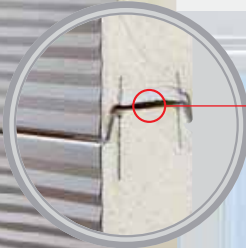
80 mm

Highly insulated with PU rigid foam core

Surface:

- Micro-profiled, “unribbed” design on the outside, horizontally “ribbed” stucco design on the inside.
- Optional: Horizontally “ribbed” stucco design on the inside and outside.
- Standard version in grey white (similar to RAL 9002). All RAL colours available as an option.

“Unribbed” micro-profiled design



Thermal separation



For further information, see page 44/45.



Horizontally “ribbed” stucco design



Highly insulated Triple glazing
Stylish rectangular sandwich frame.

Highly Insulated – Thermally Separated

HELPS TO MAINTAIN A CONSTANT TEMPERATURE INSIDE BUILDINGS, PARTICULARLY SUITABLE FOR WINDY AREAS

Double seal

The highly insulated Teckentrup sectional doors SW 80 are particularly suitable for refrigerated warehouses and storage facilities in the food sector. The energy usually required to maintain a constant temperature inside these buildings is very high. The double-skinned, 80 mm thick, thermally separated steel panels in conjunction with the circumferential, rot-proof special seals help to achieve the extremely low U value of just 0.58 W/m²k. The heat or cold loss is minimized, and energy costs drastically reduced. Due to its great stability, the special door is also particularly suitable for windy areas (e.g. in mountainous or coastal regions).



Header seal
Fully seals the door across its entire width at the header.



Double floor seal
This rot-proof floor seal made of a frost-proof EPDM rubber profile helps compensate for any unevenness in the floor and protects against cold and moisture.



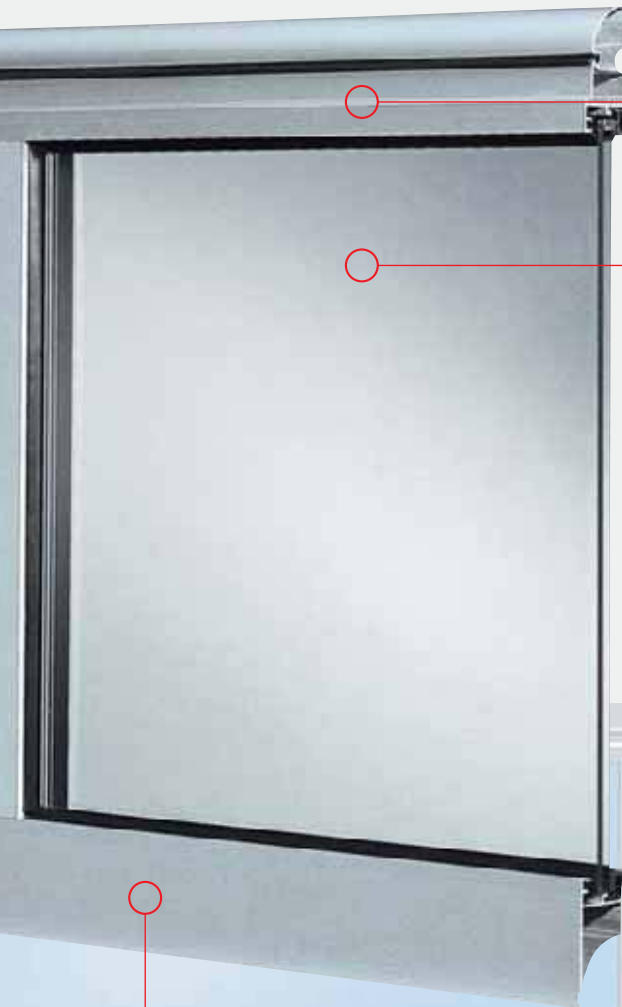
Double side seal
The highly insulated effect is achieved by using double side seals between the frame and door leaf.

Specially designed for:
Refrigerated warehouses and storage facilities for drinks, vegetables, flowers and fruit



Sectional Door Type SL – The Glazed Door

- ALUMINIUM – FRAME SECTION, 40 MM THICK WITH GLAZING ELEMENTS



Aluminium frame construction:

Made of aluminium tubular profiles: E6/EV1

Glazing:

Max. frame height 750 mm,
16 mm PVC glazing as standard.
Other infill panels are available if
desired:

- 3 mm single glazing
- Textured glass
- ISO panel
- Expanded metal, see page 29



Optional:

Now also available in an improved scratch-resistant version – for a permanent clear view.



Surface:

Anodized aluminium E6/EV1 or with high-quality powder coating in RAL or NCS colours, see page 15

- High-level scratch and impact resistance
- Corrosion proof

For further information, see page 44/45.



Sectional door SL with glazed bottom section.

... CREATES A BRIGHT AND FRIENDLY ENVIRONMENT

The Teckentrup sectional door type SL made of aluminium frame sections and glazing elements is extremely light permeable and provides an elegant optical appearance to any industrial hall. The glazing shapes and patterns can be designed individually.

Optimum use of natural light creates a positive and pleasant work environment. Depending on your wishes and requirements, coloured panels to match the frame section can also be combined with the glazing elements.



Sectional door SL with side door in a repair workshop.



Sectional door SL at a petrol station.



NEW

Sectional Door Type SLX

MAXIMUM LIGHT, CLEAR VIEW

Large glazing elements without a centre mullion – up to door widths of 3,250 mm – and with a centre mullion – up to door widths of 4,000 mm



Aluminium frame construction:

Made of aluminium frame profiles E6/EV1.

Glazing:

Max. frame height 750 mm, as standard with scratch-resistant 16 mm PVC double glazing.



Standard:

Available in an improved scratch-resistant version – for a permanent clear view.

Surface:

Anodized aluminium E6/EV1 or with high-quality powder coating in RAL or NCS colours, see page 15

- High-level scratch and impact resistance
- Corrosion proof

For further information, see page 44/45.



Sectional door SLX without mullions.

ELEGANT TRANSPARENCY

The Teckentrup sectional door type SLX is particularly transparent and enables modern, light-oriented architectural concepts. The elegant transparency facilitates the stylish presentation of products which require an impressive setting, e.g. cars, motorhomes, yachts and boats. But SLX doors are also used in shopping centres to present high-quality products.



Sectional door SLX for transparent production.

Sectional door SLX – entrance to a car dealership.



Sectional Door Type SLW – The Combination Door

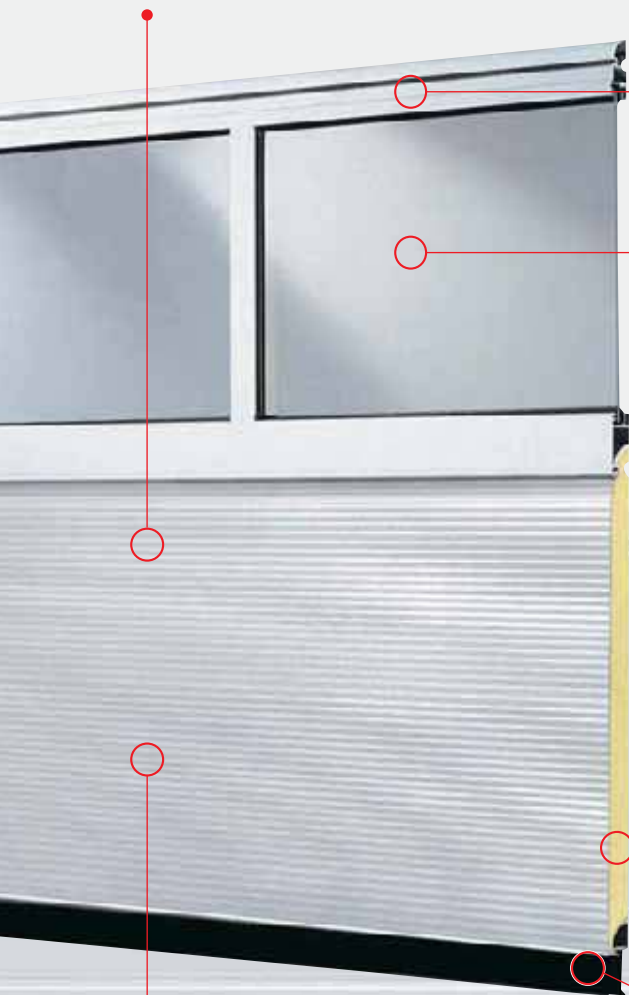
THE STEEL/ALUMINIUM COMBINATION DOOR

- STEEL PANEL PLINTH DOUBLE-SKINNED
PU FOAM CORE
- ALUMINIUM FRAME CONSTRUCTION WITH GLAZING

High-quality steel

Galvanized finish with transparent protective film

- Modern high-tech look
- Less expensive than coated doors but with the same high resistance and long life cycle



Aluminium frame construction:

Made of aluminium frame profiles E6/EV1.

Glazing:

Max. frame height 750 mm, as standard with 16 mm double glazing. Other infill panels available if desired:

- 3 mm single glazing
- Textured glass
- ISO panel
- Expanded metal
- Perforated sheet

See page 29.

Optional:

Now also available in an improved scratch-resistant version – for a permanent clear view.



High strength PU rigid foam

Surface:

Outer surface micro-profiled, inner surface stucco design with optimum corrosion protection thanks to the galvanized finish. As standard with transparent protective film. Optionally available with double-sided basic coating in many standard colours or other RAL and NCS colours, see page 15.

Floor seal:

A perfect fit seal prevents possible heat loss, protects against rain and helps to compensate for any unevenness in the floor.

For further information, see page 44/45.

... WITH TWIN FUNCTIONALITY



Sectional door SLW with plinth made of PU foam sections.

The Teckentrup SLW sectional door, which features a sectional steel base and elegant aluminium frame design, is the economical alternative when both robustness and a bright clear environment are required.

Large glazing elements allow a lot of light to enter the hall, creating a bright and friendly atmosphere.



Sectional door SLW with wicket door.

Sectional door SLW with special coloured glazing.



Fire Brigade Sectional Doors

OPEN QUICKLY AND SAFELY

With special drive

The TAS 1/TAS 2 drive, as a fire brigade package, meets all the requirements of fire brigade doors (DIN 14092) with an average opening speed of min. 0.25 m/sec. In the event of a power failure, the doors can also be opened manually via controlled unlocking.



ROBUST, INSULATED, EXTRA LIGHT

The door and fitting concept is individually adapted to the types of vehicle.
Depending on requirements, the controls can also be fitted with, e.g. traffic lights. This ensures perfect and trouble-free operation.



More Light and Air

WITH VARIOUS GLAZINGS AND GRILLES



Frame section with 16 mm double glazing.



Frame section with 3 mm textured glass.



Section with sandwich glazing, type A (rectangular).



Section with sandwich glazing, type B (rounded).



Frame section with ISO panel.



Frame section with perforated sheet.



Frame section with expanded metal.



Section with ventilation grille.



Extremely
scratch-resistant
glazing

Standard:

Available in an improved
scratch-resistant version – for
a permanent clear view.

5-Chamber Multi-Skin Glazed Sheet

NEW

**GREATER THERMAL INSULATION –
OPTIMUM LIGHT PERMEABILITY**

**50% greater thermal insulation
than conventional SL doors**

**Privacy protection inside
the building**



Thermal and light protection perfectly combined

The new glazing with the innovative 5-chamber multi-skin sheet combines optimal light permeability with excellent thermal insulation.

The translucent sheets protect effectively from heat loss and allows 50% of daylight in.

They offer important privacy protection inside the building – valuable items such as vehicles, machines, and stock are only faintly visible. The UV protection also prevents negative effects of sunlight such as the fading of paintwork.

The new 5-chamber multi-skin glazed sheet

- Excellent U value of 2.56 W/m²k (e.g. installed door of 5 x 5 m)
- 16 mm in thickness with 5 hollow chambers
- Lightweight and impact resistant
- More robust than conventional glazing
- Provides privacy protection whilst at the same time light permeability of 59 %
- Highly effective protection against weather
- Suitable for all sectional doors



NEW

Perfect Design

THE RIGHT WICKET DOOR WITH NEW LOW THRESHOLD

**New wicket door with only
23 mm threshold height**



Wicket door for unhindered access – without the need to open the complete door

- Integrated into the door sections
- Extremely stable 23 mm low threshold
- With continuous invisible floor seal to help protect against dirt and heavy rain
- Bridges over uneven surfaces up to 20 mm
- Four-sided buffer seal and upper aluminium rain guard
- Slide rail door closer
- For electrically operated door with sensors
- Also with glazing

23 mm high threshold made from high-quality, robust aluminium, anodised (E6/EV1). With flexible floor seal made from a rot-proof EPDM.



Small means of transport can easily pass through.



Minimal threshold for unhindered access.



New:
Product film for new
low threshold and lots of
further information.

WITH SPECIAL LIGHT BARRIER

Leading light barrier for maximum safety

Use of leading light barriers for impulse operated doors. 2 optical sensors provide for contact-free reversion when encountering obstacles. This safety edge mechanism satisfies the requirements of the *Safety category E*. Therefore, a further light barrier in the entranceway is not required.



ALTERNATIVE: THE MATCHING SIDE DOOR

Side door: matches the actual door

- Door frame made of extruded aluminium sections, surface E6/EV1
- Matching door panels
- Three-sided, double rebate seal
- sliding threshold seal



Sectional door SW with side door, micro-profiled, galvanized surface.



Sectional door SL with side door and fixed upper part.

High Level Safety

CLEVER DETAILS AND PATENTED IDEAS

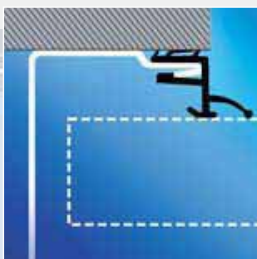
Teckentrup sectional doors meet all the safety requirements of current European standards.



Safe shaft connection
Installation-friendly, safe and robust connection of the torsion spring shaft.



Header seal
Fully seals the door across its entire width at the header.



Side seals
The sealing lip at the lateral rails ensures the frame is thermally sealed to the outside. An additional seal is often no longer required.



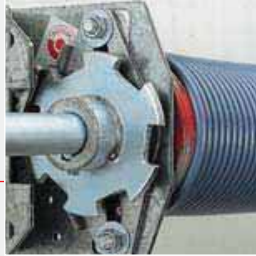
Central seals
The door is also sealed between the individual sections across the entire width.



Floor seal
A rot-proof floor seal made of an elastic, frost-proof EPDM rubber profile helps to compensate for any unevenness in the floor and protects against cold and moisture.



ENSURE OUR DOORS ARE SAFE AND SECURE



Spring break protection for manually operated doors
Stops the shaft rotating if a torsion spring breaks; the door is held in position.



Finger pinch protection outside/inside
Patented finger pinch protection for outside and inside of the door.



Lateral guard
A lateral guard prevents a hand from being accidentally caught between the frame and the runner rail.



Low-noise operation
Robust roller blocks made of galvanized steel and ball bearing runner rails guarantee a long service life and low noise operation.



Safety edge mechanism
Electrically operated doors with pulse control are factory fitted with a safety edge mechanism which stops the door if it comes into contact with an obstacle.

Intelligent Installation Benefits

Simple and fast installation!

DUE TO PRE-ASSEMBLED COMPONENTS



DOOR LEAF PACKAGE

To prevent sources of error in advance and to minimize installation periods, we have increased the level of pre-fabrication. Factory fitted seals, electronic components and additional elements reduce installation time. The door can be assembled quickly and efficiently in a shorter space of time.



Safety edge mechanism
The floor seal is factory fitted to the bottom section. The safety edge mechanism is also pre-installed for doors with a pulse control.



Connection boxes
Pre-assembled and pre-wired on both sides. It is therefore possible to disconnect the drive from the left-hand side and to reconnect it on the right hand side on-site.



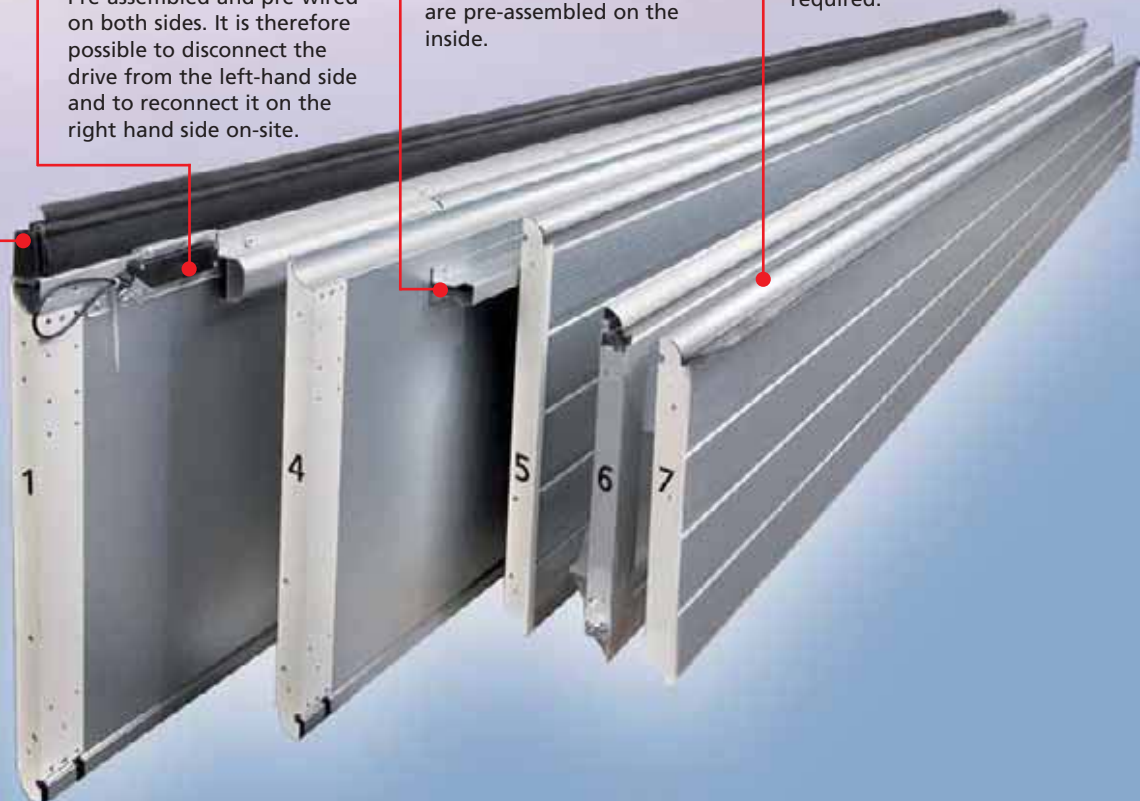
Omega profile
Reinforcement profiles to strengthen the door leaf are pre-assembled on the inside.



Header seal
Pre-fitted in the section. Awkward and time-consuming fitting on-site is no longer required.



Safe delivery
The individual sections are delivered on special pallets and numbered according to the installation sequence.



Quicker, Simpler Installation

PREVENTS ERRORS, INCREASES SAFETY

FRAME/SHAFTPACKAGE

The complete package contains the spring shafts, consoles, frames and runner rails. Numerous pre-assembled elements, predrilled holes and markings facilitate installation considerably.



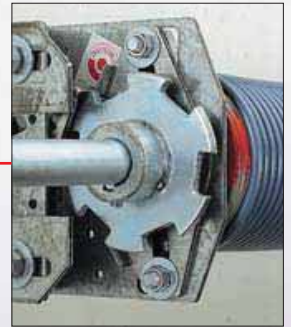
Shaft protrusion on both sides
Enables you to change the drive side on-site.



Pre-assembled spring shaft
Spring shaft, corner and intermediate bearing and cable drum are pre-assembled as a single element.



Universal suspension
Can be applied individually. Due to the pre-drilled longitudinal holes, it is suitable for most structural conditions (correct number supplied for the ordered door system).



Spring break protection
(For manual operation) pre-assembled in the spring shaft element



Special stop bracket
Pre-installed in the frame. Enables door operation even without a finished floor.



Photocell
Pre-drilled holes in the frame.



Sliding bolt
Pre-drilled holes in both vertical frame elements.



Helix cable
Pre-drilled holes in the frame. The helix cable can be connected to the connection box on either side.



Assembled corner bearing
The corner bearings are also factory fitted to the frame. The correct position of the spring shaft is marked, eliminating the need for time-consuming and awkward measurements.

Quick Start-Up

DRIVE AND CONTROL PRE-ASSEMBLED AND READY TO PLUG IN

Simple installation, increased efficiency

Pre-assembled components and special accessories enable fast and uncomplicated installation. Simply connect the pre-wired control unit to the mains supply via the CEE plug. The cable duct between the control unit and the drive is supplied as standard with the door.



Awkward setting directly at the drive is no longer necessary.



Perfect Harmony

SIMPLE PROGRAMMING

Safe and easy programming

The advantageous, portable handheld control unit with LCD monitor is programmed and managed by an authorized installer. Subsequent adjustments by the operator are not possible.



Control units are factory pre-wired with a cord and plug.

Simple programming by trained and qualified staff.

Simple door system adjustments

Simple horizontal re-alignment of Teckentrup doors via the floor console.



Photocell

To enhance safety, an additional photocell can be installed to immediately stop the door if the light beam is broken. In some cases, application of a photocell is a statutory requirement.



Versatile Operating Systems

FOR MANUALLY OPERATED DOOR SYSTEMS

Depending on the requirements, there are various solutions available for manually operated doors. Especially convenient and easy to operate is the manual chain hoist with a 1:4 transmission.



Manual chain hoist, transmission 1:1
Simple, robust design with self-locking sliding bolt.



Rope
Simple, cost-effective version for small doors.



Manual chain hoist, transmission 1:4
Comfortable operation as less effort is required, includes chain guard.

FOR POWERED DOORS



Direct mount drive with emergency geared chain
Ensures manual opening of the door from the ground in the event of power failure.



Chain drive
The application of a space-saving chain is recommended for installation with reduced sideroom clearance.



With emergency crank handle at 40° angle

Direct mount drive with emergency crank handle
The cost-effective solution for emergency operation – also ideal for cases where an emergency geared chain is unsuitable.



Rail-guided drive
In certain cases, rail-guided drives can be used, e.g. for door systems with a low frequency of use.

High-Quality Control System

SYSTEM COMPONENTS

Depending on the application, various systems control the door system.



NEW

Safety features

Illuminated operating buttons ensure safe operation without errors, even in dark or poorly lit environments.



HIGH PERFORMANCE WITH MICROPROCESSOR TECHNOLOGY



Comfort control unit CS 300 (Dead man or pulse)

Microprocessor control with absolute transmitter evaluation. Simple, secure programming using the LED module or the 3 button navigation system on the LCD monitor with multi-language clear text display, optional red-green light to show door status, with visual warning messages (can be used in e.g. underground garages, car repair shops).



Optionally with main switch



Comfort control unit CS 300

With frequency converter control unit, soft start-up and soft stop (application: e.g. high-speed sectional doors).



CS 300 LCD monitor

Simple, uncomplicated programming of the door system, e.g.:

- automatic closing
- traffic light connection
- error diagnosis
- cycle counter, etc.



Comfort control unit CS 400

Microprocessor control unit with absolute encoder evaluation. Programming via 3-button navigation at the LCD monitor with multi language plain text display. (Application: e.g. underground car parks with two-way traffic control and roller grilles with roll-up safety device.)

The CS 300 and CS 400 control units have floating two limit switches signalling.

Comfortable Operation

INDIVIDUAL EQUIPMENT

Modern operating elements provide additional comfort for electrically controlled door systems.

The door is simply operated via a handheld transmitter. Triggering can also occur via a safety photocell, induction loops, radar motion detectors, etc.



2-channel handheld transmitter



4-channel handheld transmitter



10-channel handheld transmitter



99-channel handheld transmitter



Attractive radio-controlled number code lock

Convenient operation of up to 3 doors by entering personal numeric passwords which prevent unauthorized access. Simple, wireless wall attachment.



Surface mounted key operated switch



Flush mounted key-operated switch



Surface mounted key operated switch with stop button



Flush mounted key operated switch with stop button



Column
Made of anodized aluminium with an integrated key-operated switch.

ACCESSORIES/ADDITIONAL EQUIPMENT

Numerous accessories facilitate daily tasks due to convenient operation and provide additional safety.

Radio-controlled receiver



Internal radio controlled receiver for CS 300 or CS 400, pluggable



External radio controlled receiver for CS 300 or CS 400, pre-wired with plug and cord

Radar motion sensor



Radar motion sensor with programming device

Push buttons



Emergency stop switch



Push buttons "Up-Stop-Down"



Push buttons "Up - Emergency Stop - Down"



Lockable push buttons "Up - Emergency Stop - Down"

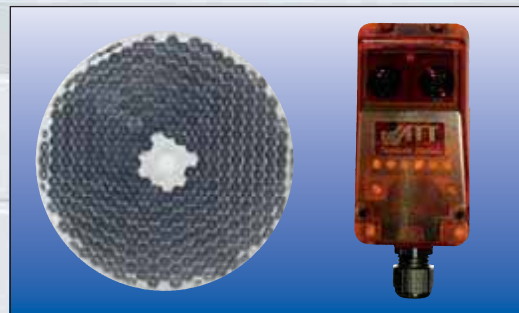
Photocells



Lockable push buttons "Up-Stop-Down"



One-way photocell



Reflection photocell

Door Types and Technical Data



Performance features in accordance with EN 13241-1		SW
Resistance to wind load in accordance with EN 12424		
with and without a wicket door	Class	2
Watertightness in accordance with EN 12425		
with and without a wicket door	Class	3
Air permeability in accordance with EN 12426		
without a wicket door	Class	3
with a wicket door	Class	3
Heat insulation in accordance with EN 13241, Appendix B EN 12428		
without a wicket door – door surface approx. 25 m ²	U value in W/m ² K	1.25
with a wicket door – door surface approx. 25 m ²	U value in W/m ² K	1.46
Noise insulation in accordance with EN 717-1		
without a wicket door	Rw in dB	24
Construction		
self-supporting, thickness	in mm	40
Door dimensions		
width x height max. (depending on configuration)	in mm	8,000 x 6,000
weight of door leaf	in kg/m ²	approx. 12
Door leaf, materials		
steel panels, PU foam core		■
aluminium panels, filled frame section		-
Door leaf, surfaces		
galvanized steel, with protective film		▲
galvanized steel, coated in RAL 9002 or 9006		■
galvanized steel, coated in RAL or NCS of your choice		▲
anodized aluminium, E6/EV1		-
coated aluminium, RAL of your choice		-
Side door		
matches main door		▲
Glazing elements/Infill panels		
sandwich glazing type A		▲
sandwich glazing type B		▲
triple rectangular glazing		-
round double glazing 385 mm		▲
SAN single glazing/SAN double glazing		-
aluminium stucco sandwich panels		-
Seals		
four-sided seal		■
central seal between the sections		■
double side and floor seal		-
Locking systems		
internal locks		▲
external/internal locks		▲
Safety equipment		
finger pinch protection		■
lateral guards		■
cable break protection		▲
slack cable switch for powered doors		■
clearance photocell		▲
anti-drop device for systems without springs		■
spring break protection for manual operation		■
Attachment to		
concrete		■
steel		■
masonry		■
others on request		▲

See installation data for required space



SW 80

SL

SLX

SLW

2

2

2

2

3

3

3

3

3

3

3

3

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3

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3

0.58

4.98

4.71

4.38

-

5.04

-

4.72

23

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23

80

40

40

40

10,000 x 8,000
approx. 13

8,000 x 6,000
approx. 12

4,000 x 6,000
approx. 12

8,000 x 6,000
approx. 12

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Doors From One Source

● INNOVATIVE ● FLEXIBLE ● RELIABLE

Our customers come first

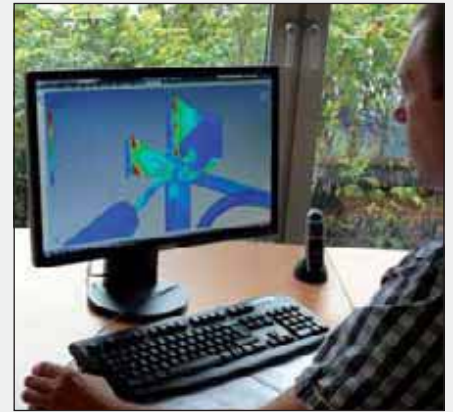
Besides guaranteeing innovative, unique developments, first-rate product quality and flexibility during the realization of special technical solutions, we also provide a comprehensive bespoke customer service.

- Individual planning and advice
- On-site support from our field team
- Quick and efficient delivery
- Inspection and maintenance
- Support thanks to product and installation training courses

At Teckentrup, customer satisfaction is a top priority.



Professional support on-site guarantees trouble-free projects.



Standard or individual concepts – we develop bespoke solutions to match our customers' demands.



State-of-the-art production facilities ensure constant high-quality.



Transport-safe packaging, and quick and reliable delivery thanks to an efficient logistics service

Our service for mandatory maintenance. We inform you of any upcoming inspection dates.



For the latest information,
please visit:
www.teckentrup.biz



Logistic and transport flexibility guarantees rapid deliveries.

Teckentrup industrial doors for all your requirements

WE OPEN THE DOORS FOR PROGRESS

Teckentrup was established in 1932 and has since become one of the largest manufacturers of doors and door systems in Europe, with production plants in Verl-Sürenheide (Administrative HQ) and Großzöberitz.

The fact that we have many locations in Germany as well as other partners in Europe and overseas creates an economic infrastructure which satisfies all the requirements for flexibility and proximity to customers.

From the conceptual stage to innovation, the design stage to production, at Teckentrup, everything happens "under one roof".

Motivated and committed employees, the very latest CAD systems and computer-controlled production systems are the keys to a secure future.



Sectional doors



Roller shutters



Folding doors



Multi-purpose sliding doors



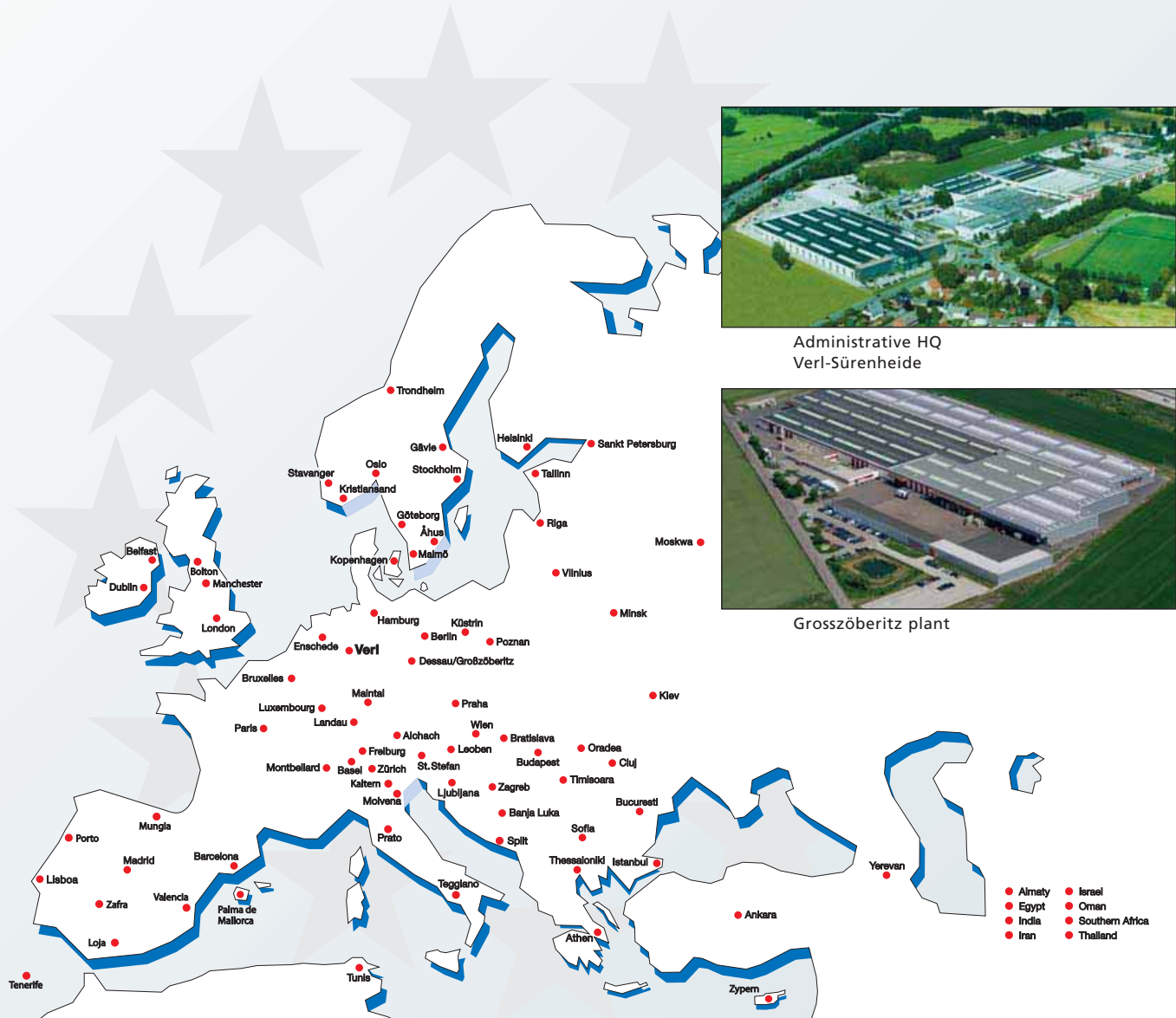
Fire doors



High-speed sheet doors

European Scope...

...WE DON'T LET OUR CUSTOMERS DOWN



Internet: www.teckentrup.biz

- 
Fire doors
- 
Smoke-proof doors
- 
Security doors
- 
Sound insulated doors
- 
Heat insulated doors
- 
Internal doors
- 
Industrial sectional doors
- 
Sliding doors
- 
Folding sliding doors
- 
Roller shutters/
Roller grilles
- 
CarTeck
garage sectional
doors
- 
CarTeck
up-and-over
garage doors

Subject to technical modifications.
02/12/12 (GB) 12.1.642
All illustrations contained in this brochure are solely intended to highlight individual product features and may therefore not necessarily be identical with the standard product version.

WE OPEN THE DOORS FOR PROGRESS

