

**NEW**

Saves Energy – Reduces Costs

# Industrial Sectional Door SW 80

THE SPECIAL DOOR FOR PERFECT HEAT AND COLD INSULATION – EXTREMELY ROBUST EVEN WITH HIGH WIND LOADS

- 50% greater heat insulation due to thermally separated, 80 mm thick steel sections
- Extremely low  $U_D$  value of just  $0.58 \text{ W/m}^2\text{k}$  for a 5 x 5 m installed door
- Storm proof: Resistance to high wind loads up to class 4 (= 144 km/h)
- Stylish designs
- Glazing available as an option
- Also available as a high-speed version
- Available up to widths of 10 m
- Various fittings to suit most architectural requirements
- Quick and easy installation thanks to prefabricated assemblies

More than 50% greater heat insulation – satisfies German Energy Saving Regulations (EnEV)!  
Storm proof up to wind class 4 (144 km/h)



80 mm

Appearance:  
unribbed, micro-profiled

Thermal separation

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



WE OPEN THE DOORS FOR PROGRESS

**Teckentrup**  
Doors · Frames

# 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  $U_D$  value of just  $0.58 \text{ W/m}^2\text{k}$ . The heat or cold loss is minimized, and energy costs drastically reduced. And 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 compensates for any unevenness in the floor and protects against cold and moisture.



### Double side seal

The high insulating effect is achieved with the double side seals between the frame and door leaf.

## All performance features to EN 13241-1

Heat insulation (DIN EN ISO 12428)	: Installed door: $U_D = 0.58 \text{ W/m}^2\text{k}$ ( $25 \text{ m}^2$ door surface without glazing)
Sound insulation (ISO 717-1)	: $R_w = 23 \text{ dB}$
Air permeability (DIN EN 12426)	: Class 3
Resistance to wind load (DIN EN 12424)	: Up to a width of 10,000 mm class 2* Up to a width of 8,000 mm class 3** Up to a width of 5,500 mm class 4** *Standard/**On request
Resistance to water penetration (DIN EN 12425)	: Up to class 3
Reaction to fire (DIN EN 4102)	: Door leaf element material class B2 (normally inflammable)

## Attractive appearance and hard-wearing surfaces.

Two modern designs are available. Standard version in grey white (similar to RAL 9002), also available in all RAL colours.

## Highly insulating triple glazing

Stylish rectangular sandwich frame for an  $829 \times 407 \text{ mm}$  window.



Ribbed, "stucco"



Unribbed, "micro-profiled"



Internet: [www.teckentrup.biz](http://www.teckentrup.biz)