

**NEW**

The new generation

# FE Folding Door "Teckentrup 50"

**NEW DESIGN: DOUBLE-SKINNED, HEAT INSULATED – QUIET AND EASY OPERATION**

- Smooth and extremely quiet door action due to new guide technology
- Simple door operation
- Easy and quick installation – without welding
- Low-wear and maintenance-free components
- Long service life
- Also available with threshold-free wicket door (suitable for escape routes and emergency exits)
- Robust and flush mounted door leaf made of 50 mm thick elements
- Door dimensions up to 16,000 x 5,000 mm

**Extremely good heat insulation  
U value = 1.9 W/m<sup>2</sup>k  
Storm proof up to wind class 4 (144 km/h)**



The new guide technology is highly impressive due to simple operation, smooth door action and minimum wear.



WE OPEN THE DOORS FOR PROGRESS

**Teckentrup**  
Doors · Frames

# Sophisticated Detail Solutions

## SMOOTH OPERATION – EASY AND EFFORTLESS

### Designed for the highest demands

The new Teckentrup folding door contains many components which have been newly developed and perfectly harmonized. A concept has been implemented which sets new benchmarks in terms of safety, longevity, operating comfort and low-noise door action.



### Low-noise door action

Doors with up to three leaves per side are guided with just one lateral roller in the door leaf's guide rail. Special low-wear, plastic-coated steel rollers ensure extremely quiet, smooth and durable door action. Doors with more than three leaves per side have a reinforced support roller, including guide.



### Easy operation

Elegant, spring pre-loaded handles guarantee secure locking, and make the door easy to operate. The adjustable locking bars allow simple adjustment after installation.

Heat insulation in accordance with DIN EN ISO 12428	: U value = 1.9 W/m <sup>2</sup> k (installed 3.5 x 3.5 m door)
Sound insulation in accordance with ISO 717-1	: PU foam 26 dB Mineral wool 32 dB
Resistance to wind load in accordance with DIN EN 12424	: Class 4 (max. achievable value = 2,500 Pa)
Watertightness in accordance with DIN EN 12425	: Class 3
Air permeability in accordance with DIN EN 12426	: Class 3



### Flat and smooth door leaf – silent closing

The individual door leaves are high strength and extremely flat and smooth. Perfect alignment of the individual leaves is guaranteed by the adjustable rubber dampers; the door is therefore always sealed correctly. The rubber dampers also ensure that the door closes quietly.



### Secure and adjustable hinges

The new hinges made of high-strength, galvanized steel have been perfectly adapted to the door leaf. Special adjusting screws can be used to adjust the leaves in two directions, allowing perfect alignment. The hinges are secured with grub screws, which are not visible when the door is closed.



### Watertight and durable

The rubber seals at the top and bottom of the door leaf can be adjusted to provide an exact fit by the use of special perforations. The upper seal is fitted around the leaf and protects against water damage. The extremely robust door is weld free. This means that the galvanized and primed parts are not damaged during the production process – providing optimum protection against corrosion.



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