

AI-READY DATA CENTRE STEEL DOORSETS

The Data Centre Experts.

Teckentrup's core expertise is the design and manufacture of steel doors that are AI-ready (certified for larger sizes) for Data Centres. The intelligent modular system allows for precisely attuned functionality.



The task.

Data Centres are highly sensitive environments with the following requirements...

- Special fire protection (safety, pressure, sound) at raised installation positions in connection with light-weight stud wall constructions
- Comprehensive requirements for access technology integration
- Increased safety requirements
- Protection against flue gas, splash water and pressure loads during the continuation of computer operation
- Exclusively use tested and approved solutions



The specialist solution.

Teckentrup understands that these requirements need a specialist solution from a competent manufacturer. Teckentrup steel doors have the following data-specific design features...



1. Magnetic contact and escape door strike
2. Security sets with multipoint locking system
3. Slide rail closer for automatic closures
4. Raised installation positions (raised floors) with lightweight stud wall constructions possible
5. Specially designed for fire-rated doors: Mushroom head locking including bottom seal
6. Hook-and-bolt locking system for pressure doors





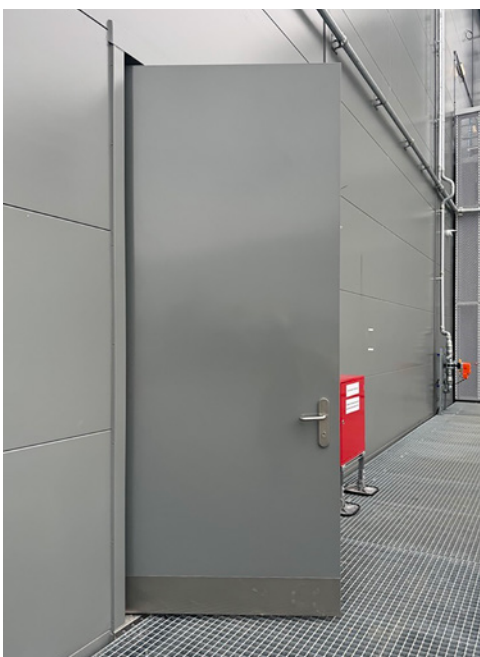
Teckentrup steel doors for Data Centres are convincing at all levels...

- ✓ Fire certification EI₂60 + EI₂90 for sandwich panel wall (no steel substructure necessary)
- ✓ Security certification to RC3/4 and SR rated doors
- ✓ Rated for pressure up to 7.5 kPa
- ✓ 1- and 2-leaf design
- ✓ Door size up to 3.00 x 3.25 metres (door heights between 3000 - 3520mm have a maximum width of 2050mm)
- ✓ All features can be combined: including certification for most European markets
- ✓ Special equipment (among others soundproof glass, 4-sided frames)
- ✓ Raised access floors with lightweight stud wall
- ✓ Special lock and access technology for increased security requirements (connection to existing building management and security systems possible)
- ✓ Specialist frames that interface with typical data centre wall details



Where are our doors?

- London 4
- Ionos Worcester
- AMS1 Amsterdam
- VIE02 Vienna
- GER1 Cloud HQ Germany
- Hanua Germany
- FRA1X0 Germany
- FRA11 Germany
- FRA12 Germany
- FRA16 Germany
- FRA33 Germany
- FRA61 Germany
- FR74 Germany
- FRA134/5 Germany



Making the complex simple.

Doors are often seen as difficult products to get right, but at Teckentrup Door Solutions we specialise in making the complex simple.

Read the full Data Centre case study by scanning the QR code!



SCAN ME!

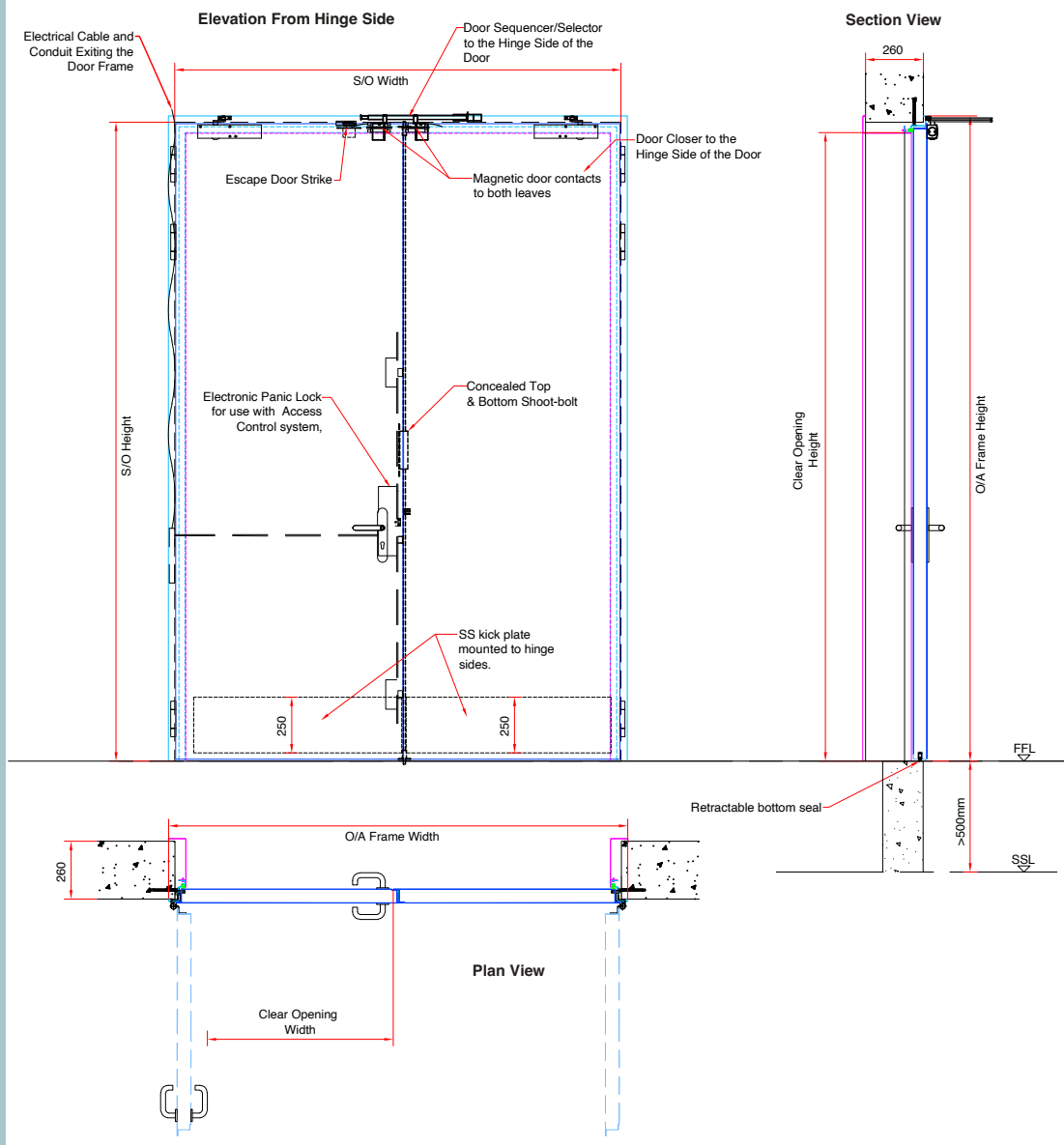
Quality & Environment

Teckentrup operates to quality procedures audited to ISO 9001. We care about the environment too - this is why our products are certified in accordance with the Environmental Product Declaration (EPD).

ISO 14001 Environmental Management
ISO 50001 Energy Management



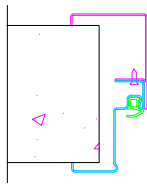
Technical Information:



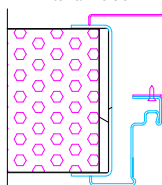
February 2026. As ours is a policy of progressive design, we reserve the right to alter specification without prior notice. Errors and omissions excepted.

Frame Types:

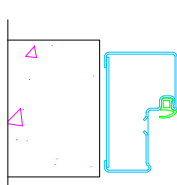
Corner Counter Frame



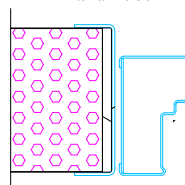
Corner Counter Frame - Whitewall Version



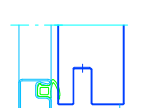
4.1 Block Frame



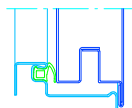
4.1 Block Frame - Whitewall Version



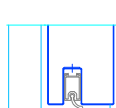
Threshold & Bottom Seal Options



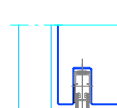
Buffer Strip and Seal



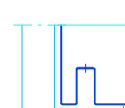
4-Sided Frame (corner frame)



Sliding Threshold Seal



Retractable Bottom Seal



No Threshold or Seal

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DOOR SOLUTIONS



Member