

SST High Speed Spiral Security Roll Door

FEATURES AT A GLANCE

- German engineered design and manufactured
- High speed up to 2.5m/sec
- Extruded aluminium door blade lath sections providing a strong secure solution
- Suitable for large openings 7000H x 8000W
- High wind capacity to Category 4, and up to 180km/h with special design
- High frequency of use suitable for 250,000 cycles per year
- Excellent dust seal and security
- Emergency opening lever
- Safety light curtain TLG



The SST high-speed spiral door represents the most economical solution for busy building exits. Contemporary in design, the door incorporates two door systems in one building unit: The spiral door is both an intruder-proof exterior door and a weather-resistant high-speed door. The unit can be supplied in so many variants that every conceivable aspect is covered, meaning that there is bound to be a variant that ideally suits your installation requirements. A wide range of differently shaped doorleaf attachments mean that it is always easy to adapt the unit to the structure in question. The unique SST high-speed spiral door combines the highest level of speed, safety and aesthetics with all the benefits of innovative door technology.

EFAFLEX spiral doors offer outstanding performance with proven reliability, maximum availability, excellent service life, a minimum of

maintenance costs and exemplary quiet door action and all this proven in constant industrial use of 250,000 operations plus per year.

Laths made of double-walled and, if desired, thermally separated aluminium can be combined with transparent window laths as required. The laths are passed through the space-saving spiral in such a way that they do not come into contact with each other this means that the exterior of the door leaf will remain in its original state for many years. The power flows via hinge strips arranged on both sides of the door and are connected with each other via a synchronised shaft. The laths are separately connected to the hinge strip with screws, a rubber seal section connects the laths with each other and provides wind and weather resistance. This makes the quick and easy replacement of laths possible should it prove necessary.

The door blade is almost completely smooth, in particular on its exterior surface. Moving parts have been optimally clad. High-speed motors are controlled by frequency converters and microprocessor control units. If the power supply should fail, the door can be quite easily operated by a hand lever. A tension spring mechanism raises the door. For installation situations where space is at a premium, special low clearance variant is available that is also often used for the entrances and exits of multi-storey car parks.

- Exterior door, intruder-proof building exits, wind and weather-resistant
- Door opens vertically
- Wear-free door leaf
- Electronically controlled high-speed motor (up to 2m/sec)
- Automatic control (MCP2 or Efacon)
- All activation methods possible
- Door line light barrier TLG or
- Safety contact strip as per EN 12 453