

SST New Generation High Speed Spiral Door

FEATURES AT A GLANCE

- German engineered design and manufactured
- High speed up to 2.5m/sec
- Insulated door laths for temperature and sound insulation
- Suitable for large openings
8000H x 8000W
- High wind capacity to Category 3.
- High frequency of use suitable for 250,000 cycles per year
- Excellent dust seal and security
- Emergency opening lever
- Safety light curtain TLG



EFAFLEX has completely redefined the approved concept with its new high-speed spiral SST series. The three new designs (PREMIUM, ECO and BASIC) provide user-friendly types according to service requirements. By now providing insulation, we can accommodate applications that require temperature or sound insulation, such as temperature controlled warehouses, coolroom, freezers, and specialist areas.

We are the world's first manufacturer to provide a series of thermally insulated EFA-THERM® insulation laths for EFA-SST®. These achieve outstanding heat insulation between 0.7 and 1.5 W/m²K depending on door size. The latest door blade is extraordinarily robust, long-lasting, tight and sound-insulating. Depending on how much light you wish to allow in, we can incorporate as many EFA-CLEAR transparent acrylic glass laths as you like into the blade of your EFA-SST®. These are also available in double-walled, thermally insulated design.

EFA-THERM® laths of EFAFLEX's own production are available in different thicknesses, at 40, 60 or 80 mm, (with 100mm new to the range) and in many different designs. In addition to the standard aluminium coloured coating, we also paint the laths in your individual "corporate identity" colours – every colour from the RAL system is available.

The new EFA-SST generation fulfils highest expectations even under heaviest continuous operation. The EFA-SST® is extremely stable and weatherproof. It boasts outstanding heat and noise insulation, and surpassing wind resistance. The new high-speed spiral doors undyingly withstand up to 250,000 load cycles per year with minimal maintenance requirements. You can expect a long service life from the EFA-SST®!

EFAFLEX offers the EFA-SST® in a model that fulfils all standards for explosion-protected rooms. All electrical components are certified according to the applicable EU directives. The mechanical protection consists of brushes for electro-statically discharging the door blade, full grounding of the door installation and non-isolated installation of all metallic parts. In cooperation with the automotive industry, we have also developed a special model that complies with all regulations regarding laser beam strike.

As the world's first and only high-speed door with a solid door blade, the premium model of the EFASST high speed door can be equipped with the EFA-ACS active crash system on request. This mechanically and electronically unique safety mechanism not only protects the door against damage and therefore downtimes and repairs – the EFA-ACS fully automatically repairs the door in just a few seconds!

Should there ever be a collision, your door will still be serviceable again immediately.

In the event of a collision, the detachably connected laths are pushed out of their guide rails, undamaged. An inductive sensor system records this and, while slowly retracting the door upwards, safely and properly restores the door blade and frame to their proper condition.