

# SST High Speed All Clear Roll Door

## FEATURES AT A GLANCE

- German engineered design and manufactured
- High speed up to 3.0m/sec
- All clear acrylic glass panels
- Suitable for large openings 7800H x 8000W
- High wind capacity to Category 4
- High frequency of use suitable for 150,000 cycles per year
- Excellent dust seal and security
- Emergency opening lever
- Safety light curtain TLG



The high-speed STT turbo door is a fast action speed door designed for use indoors and outdoors. The door leaf consists of single-walled clear door blade sections, known as “laths” that remain completely transparent over the life of the door. These laths are constructed from acrylic glass or polycarbonate, with options of grey glass, or ventilated aluminium. The door leaf is absolutely PVC-free and is therefore suitable for use in the automotive industry (paint shops), for chemical and pharmaceutical plants as well as for all areas of food processing. The STT high-speed turbo door also remains very tightly sealed even under excess or low pressure and the door remains fully functioning even under high wind loads. Depending on the size of the door, opening speeds of up to 3 m/sec can be achieved, with wind pressures of Category 4.

EFAFLEX high-speed STT turbo doors are the unique result of creative and innovative door technology.

The laths themselves are individually screw connected to both sides of the hinge strips so that no forces act on the hanging case. The vertical lifting

action is initiated directly via the hinge strips. The door leaf is accommodated above the door opening in a patented round spiral. Non-contacting and virtually wear-free. This means that even after many years of use the door leaf remains in a virtually pristine state. It is quick and easy to replace laths if required. High-speed turbo doors are fully functional even under high wind loading. High-speed drive units with microprocessor control unit and frequency converter always guarantee the fastest possible speeds as well as soft and quiet door motion. The design is configured to withstand at least 150,000 operations per annum. Should there be a mains power failure, simply use the hand lever to activate the spring mechanisms and raise the door leaf.

- Interior door for particularly wind-swept openings or as (additional) measure in the exit area.
- Door opens vertically
- Wear-free door leaf
- Electronically controlled high-speed drive unit (up to 3m/sec)
- Automatic control unit (can be combined with all types of activation methods)
- Door line light barrier TLG or Safety contact strip as per EN12 453