

GILGEN AUTOMATIC SMOKE-PROOFED SLIDING DOOR SLX/SLM-CS²⁰⁰

Barrier free access combined with additional smoke protection

Convenient every day use

During everyday operation you will enjoy all the comfort and convenience of a Gilgen automatic sliding door.

A reliable smoke screen

Automatic smoke-protected sliding doors help to partition rooms into smoke containment areas. Whenever a smoke alarm is activated the door closes and thus limits the propagation of smoke within buildings. In the event of fire the reduction of smoke significantly improves ease of escape and reduces building damage.

- C (Closing) self-closing characteristic
- S (Smoke) smoke-proofed
- Critical functional elements withstand up to 200 °C

Additional application possibility:

Sound-insulating door

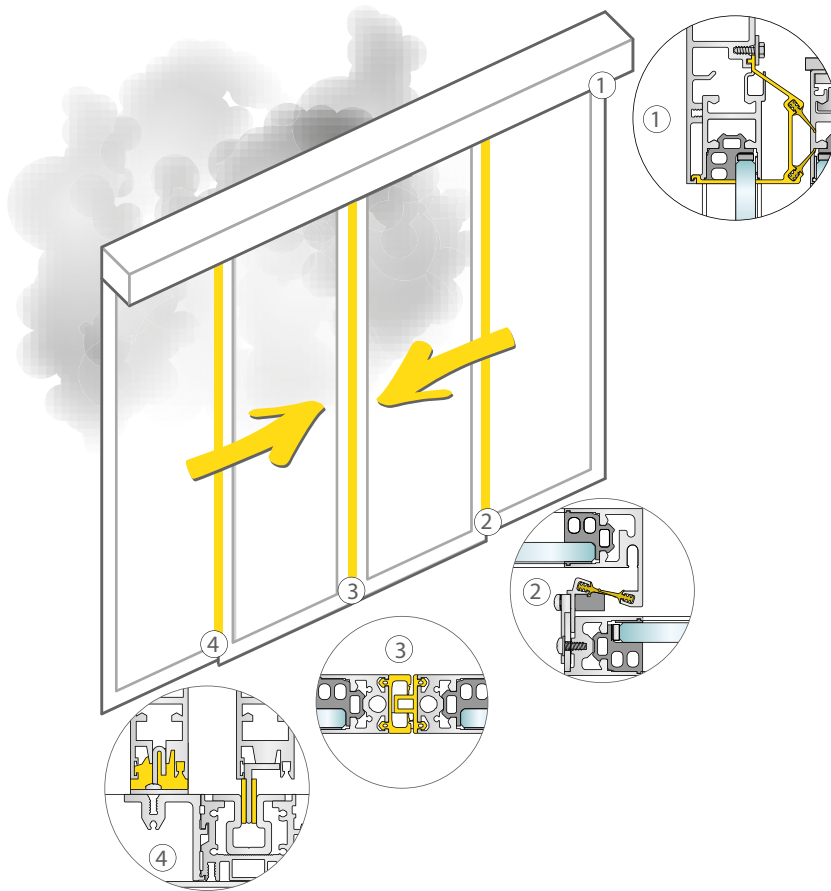
A smoke-proofed sliding door can also be used in cases where increased protection against odour or sound emissions is a high priority. It helps to reduce undesired noise levels.



In daily use the automatic Gilgen sliding door SLX/SLM-CS²⁰⁰ ensures convenient, barrier-free passages and in an emergency it inhibits the propagation of smoke within the buildings.



The automatic smoke-proofed Gilgen SLX/SLM-CS²⁰⁰ sliding door with a slim aluminum frame system with special wraparound sealing profiles

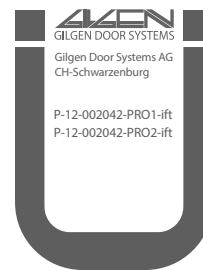


Tested safety

Automatic smoke-proofed doors have to fulfill the highest requirements with regard to quality and safety standards. Gilgen SLX/SLM-CS²⁰⁰ doors have been tested according to the following regulations and directives:

• Smoke screen

Tested as DIN 18095-1 RS-1 door (single door leaf)
 Tested as DIN 18095-1 RS-2 door (bi-parting)



• Permanent functionality

Tested according to DIN EN 1191



Checking of the self-closing characteristics.
 Number of cycles: 1.000.000

• User safety

Tested according to DIN 18650 and EN 16005



Application limits and technical data

| | |
|--------------------------|---|
| Clear width * | bi-parting: 1200 - 2600 mm, single door leaf: 800 - 1450 mm |
| Clear height * | optimal 2100 - 2500 mm, up to max. 3150 mm |
| Max. proportion | 1 : 3.50, bi-parting |
| Door leaf width/height * | 1 : 3.15, single door leaf |

*Attention: Detailed application limits see test certificate

| | |
|------------------|---|
| Equipment | bottom guideway (compulsory) with or without side panels |
| Leakage rate | at a differential pressure of 5 - 50 Pa and an ambient temperature of 20 - 200 °C: 1 - 20 m ³ /h: bi-parting, 1 - 12 m ³ /h: single door leaf |
| Door leaf system | The door leaves are carried out with the tested profile system, selectable surface treatment and panels or glass (safety glass ESG/VSG 8, 10, 12, 14, 16 or insulating glass IV 20mm). |