Data sheet

Fibershield®-S

STÖBICH®



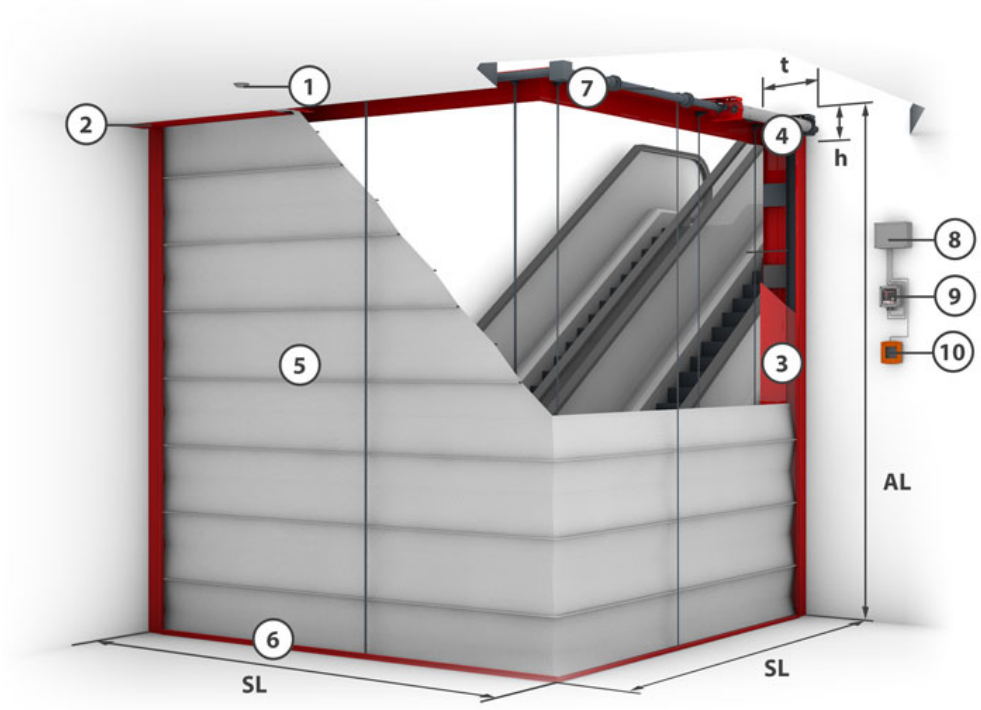
Product description

Fire protection that leads around corners: The floor space of the closure can be realised in a rectangular and polygon-shape with angles between 30° and 150°. No support elements are required despite the corner design. In addition to a closed polygon shape, open systems can also be realised that close against the wall by installing special guide rails. The fire protection curtain can be closed without any external energy by means of the 'Gravigen' drive system that is included as standard. The Fibershield-S complex allows for complex sealing geometries to be realised, while also complying with the requirement of closing off a space for more than 90 minutes.

Type	Textile fire protection curtain
Achievable protection goals	EI - with fire load free zone • EW 90 • EI - with sprinklers
Fabric	Ecotex 1100 A2 • Heliotex
Fire load free zone	Protex/Ecotex: EI 30/60/90min 100/150/200 cm • Heliotex: EI 30/60/90min 20/30/50 cm
Verification	IBS 08062416 • UL 10 (b) (2009) • UL 10 (c) (2009) • UL 10 (d) (2009) • NFPA 252 (2012)
Closing direction	From top to bottom
Closing cycles	C1

Constructive system design (System drawing)

Fabric	System width	Drop length (AL)	t	h
Ecotex 1100 A2	< 50 m	< 3 m	490 mm	125 mm
Ecotex 1100 A2	< 50 m	> 3 m - ≤6 m	490 mm	225 mm
Heliotex EW 90	< 50 m	< 2.2 m	490 mm	125 mm
Heliotex EW 90	< 50 m	> 2.2 m - ≤2.5 m	490 mm	225 mm
Heliotex EW 90	< 50 m	> 4.5 m - ≤6 m	490 mm	450 mm

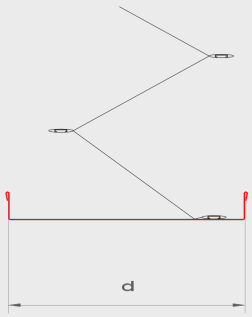


1 = Smoke detector
2 = Casing
3 = Side guids
4 = Tubular motor
5 = Fabric
6 = Closing element
7 = Coil
8 = Control module
9 = Control with operating unit
10 = Manual release
SL = System length

Closing strips

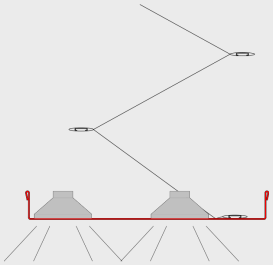
Standard

Standard



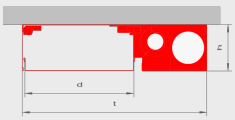
Special

With light spots or light strip



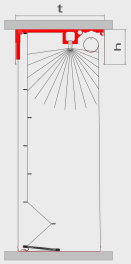
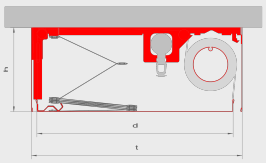
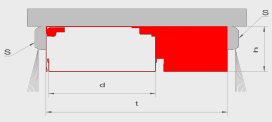
Casing

Standard

Casing (open)	Casing (closed)
	
h = from table **d** = 290 mm **t** = 490 mm	**h** = from table **d** = 290 mm **t** = 490 mm

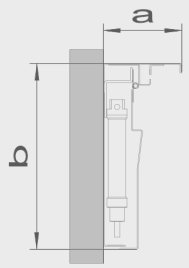
Casing

Special

Casing EI (open)	Casing EI (closed)	Locking equipment (optional)
		
h = 240 mm **d** = 560 mm **t** = 600 mm	**h** = 240 mm **d** = 560 mm **t** = 600 mm	**h** = 125 mm **d** = 290 mm **t** = 490 mm **S** = Infrarot Sicherung

Guide rails

Guide for open polygons



a = 117 mm **b** = 278 mm