

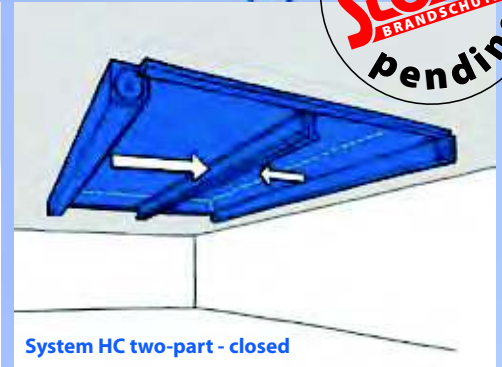
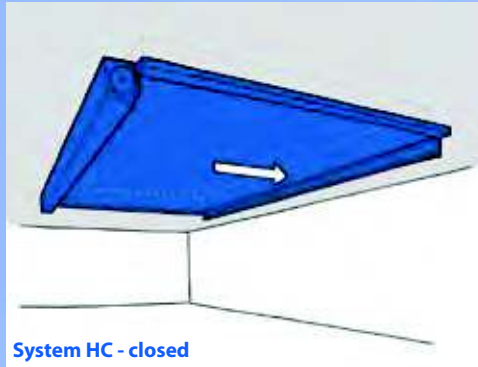
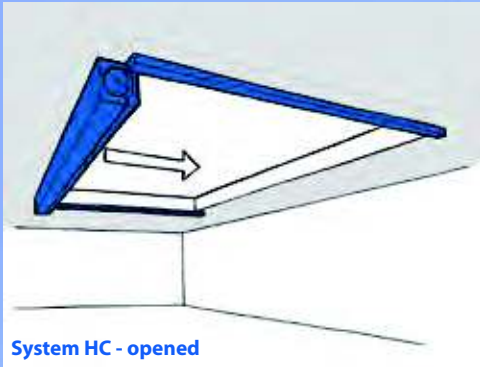
Fibershield-H+HC

The textile **H**orizontal fire curtain for openings in ceilings with a leakage of 0% and 2 hour fire rating

High flexibility due to low space requirement (installation under the ceiling and into the embrasure)

new generation
- without tensioning ropes

patent
STÖBIG
BRANDSCHUTZ
pending

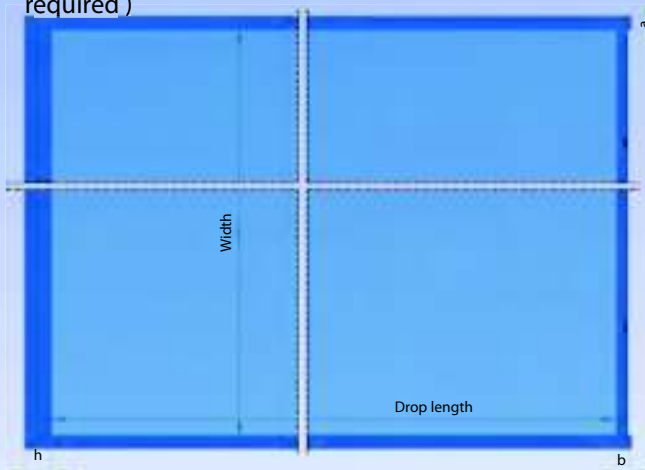


System description Fibershield-HC

- sealing system for large openings in ceilings without supporting or tensioning ropes up to 33' x 33'
- housing and bottom bar build a closed casing in operating condition (patent applied)
- extensive testings with the dimensions 16'5" x 16'5" till DH 120 and EW 60
- two-part version in design status with the dimensions 33' x 65'8" with centrally locking end bars
- motorized closing and opening (emergency power supply is required)

System description Fibershield-H

- large openings in ceilings till 65'8" width and high drop lengths – see table
- tensioning ropes in a distance of 5' to support the fabric with large dimensions as well as to withstand the pressure load in case of smoke
- high variability in dependence on the design e.g. arch-shape
- safe closing process up to 16'5" drop length, optionally with gas tension springs that means without auxiliary energy, or with Duplex drive system (emergency power supply is required) up 31'2" drop length
- spring system is closing gravity fail.

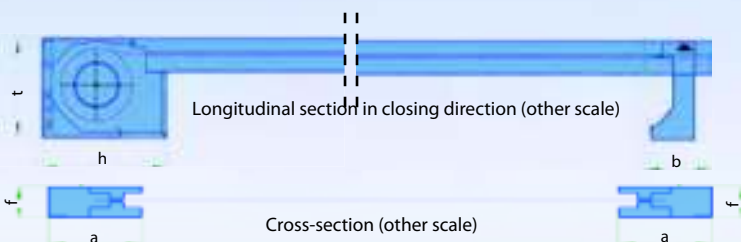


Special design:
Deviation from the linear closing direction

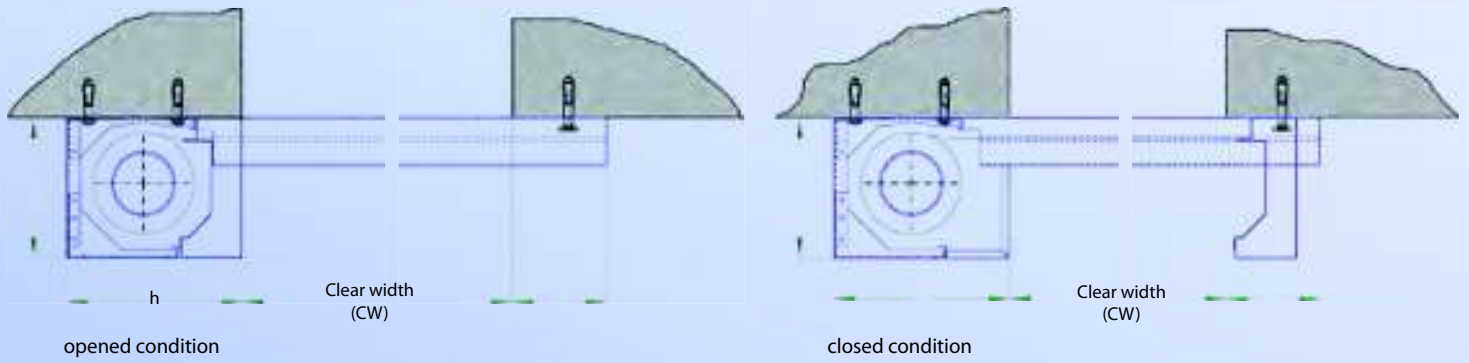


Table of dimensions (standard design)

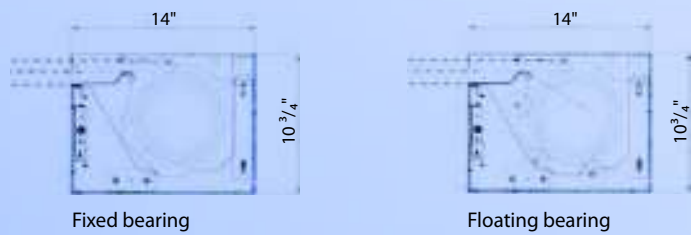
System version	Width (feet)	Drop length (feet)	a (inch)	b (inch)	t (inch)	h (inch)	f (inch)
Spring	< 4'7"	4'11"	4 3/4"	4 1/4"	7 1/2"	7 3/4"	7 1/2"
Spring	14'9"	9'6"	4 3/4"	4 1/4"	7 1/2"	9 3/4"	7 1/2"
Spring	14'9"	9'6"	5 3/4"	4 1/4"	9 1/4"	11 1/4"	9 1/4"
Spring	14'9"-98'5"	16'4 3/4"	5 3/4"	8 3/4"	9 1/4"	12 1/2"	9 1/4"
Duplex	65'8"	9'6"-27'11"	6 3/4"	13 1/4"	10 3/4"	14"	3 1/8"
HC (1-part)	< 20'	20'	7 3/4"	8 3/4"	9 1/4"	12"	3 1/8"
HC (1-part)	< 33'	33'	12"	13 1/4"	15 3/4"	20"	5 3/4"
HC (2-part)	< 33'	65'8"	12"	20"	15 3/4"	20"	5 3/4"



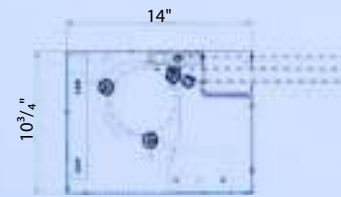
Fibershield-HC: housings



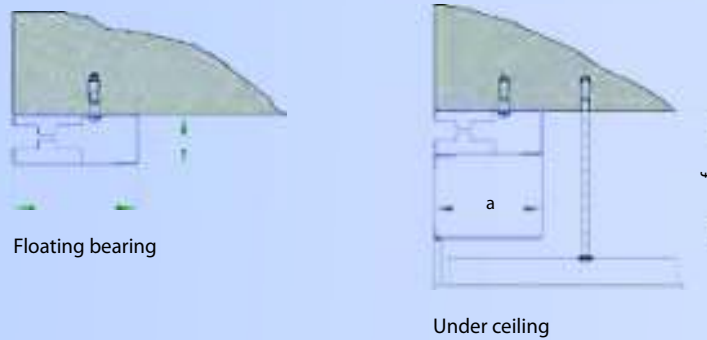
Fibershield-H: housings



Bottom bar and feeding edge



Side guide



Protection targets



Testing in the EU's largest oven

Protection target	Fire protection HC	Fire protection H	Insulation with sprinkler protection in case of smoke
Classification	E 120	E 120	EI 120
Fabric	Heliotex EW 120	Protex 1100.1	Protex 1100.1 special coating
Labeling Test Report	applied UL 10B/ UL 10 D, UL 864, OSHPD CA certificate, 12-G-021,	UL 10B/ UL 10 D, UL 864, OSHPD CA certificate, UB III/B-05-020	UL 10B/ UL 10 D, UL 864, OSHPD CA certificate, UB III/B-08-016,

