

SYSTEM: FIBERSHIELD®
MODEL: FIBERSHIELD®-P



Product description

In the event of an alarm, self-closing, non-thermally insulating fire protection curtain in vertical installation position and closing direction with architectural requirements for housing and guide rails.

Function	Non-insulating fire protection curtain
Verification	CE marking according to EN 16034:2014 in conjunction with EN 13241:2003+A2:2016
Closing direction	From top to bottom
Fire resistance	E 30 – E 120 EW 30 – EW 120 Tested according to EN 1634-1:2014+A1:2018 Classified according to EN 13501-2:2016
Closing cycles	C0, C, C1, C2 Tested according to EN 12605:2000-08 and EN 12604:2017-12 Classified according to EN 13501-2:2016
Fire behaviour of textile	A2-s1, d0; B-s1, d0; E-d2 Tested according to ISO 1716 and EN 13823 or ISO 11295-2 Classified according to EN 13501-1:2018
Environmental conditions	Special environmental conditions are not taken into account (e.g. humidity > 80 %, ambient temperature < 5 °C and > 45 °C, wind loads etc.).
Visible surfaces	galvanized RAL, smooth, silk gloss, standard colour shade NCS standard color

Dimensions and system design

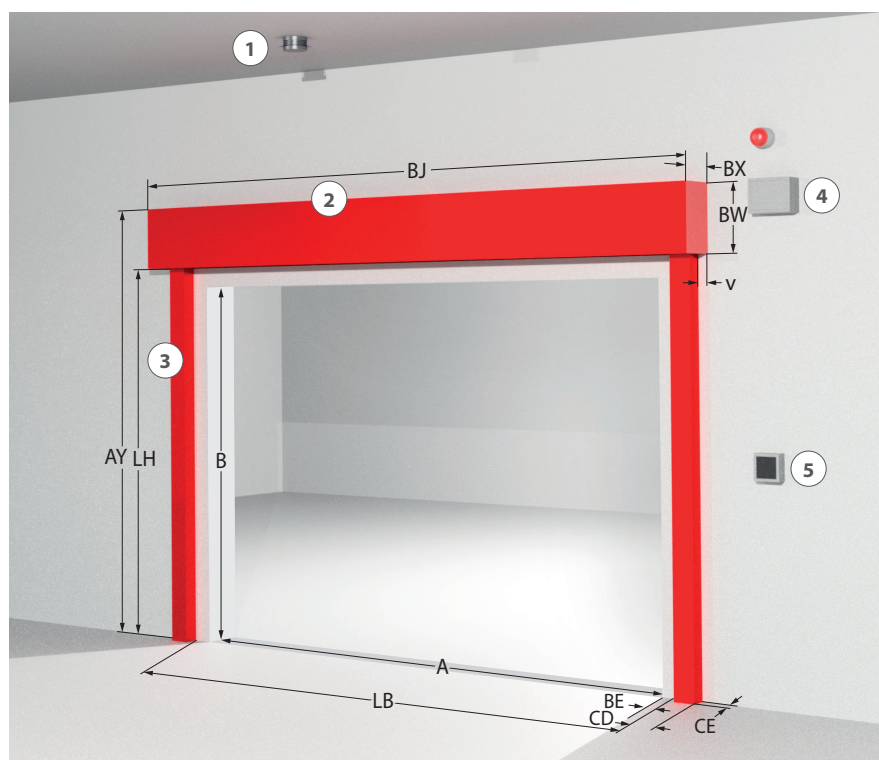
Classification Fibershield®-P series

Fire resistance/ classifications	Size max.* [LB x LH] in mm	Fabric	Wall thickness** in mm	Housing	Guide rails
E 30	11000 x 8000	Protex 1100 1.A2	140	Type A, B, C	Type 1, 2, 3
E 60	11000 x 8000	Protex 1100 1.A2	140	Type A, B, C	Type 1, 2, 3
E 90	11000 x 8000	Protex 1100 1.A2	200	Type A, B, C	Type 1, 2, 3
E 120	10000 x 8000	Protex 1100 1.A2	200	Type A, B, C	Type 1, 2, 3
EW 30	10000 x 8000	Protex 1100 1.A2	140	Type A, B, C	Type 1, 2, 3
EW 30	12000 x 7500	Heliotex 9	140	Type B, C, D, E	Type 1, 2, 3
EW 60	12000 x 7500	Heliotex 9	200	Type B, C, D, E	Type 1, 2, 3
EW 90	12000 x 7500	Heliotex 9	200	Type B, C, D, E	Type 1, 2, 3
EW 120	11000 x 3300	Heliotex 12	200	Type B, C, D, E	Type 1, 2, 3
E 120	12000 x 7500	Heliotex 9	200	Type B, C, D, E	Type 1, 2, 3
C0, C1	11000 x 4200	Heliotex 9			
C0, C1, C2	7500 x 5000	Heliotex 9			
C0, C1, C2	11000 x 9800	Protex 1100 1.A2			

The installation situation must comply with the building regulations of the country of installation. The fire resistance of a ceiling or wall supporting structure and the neighbouring components must at least correspond to that of the fire and/or smoke protection closure/fire and/or smoke protection curtain. Proof of the stability and serviceability of the neighbouring walls and components must be provided under general ambient conditions and in the event of fire. See also notes on the standard load-bearing structure in EN1366-7:2004 or EN1363-1:2020. The fire protection system must not be subjected to any additional load other than its own weight, even in the event of a fire.

* Deviations from size dimensions on request

** tested wall types according to the installation instructions



Legend System components:

- 1 = Smoke detector
- 2 = Housing
- 3 = Guide rail
- 4 = Control module
- 5 = Trigger device (see the valid general type approval of the brake system for design details of the electrical components.)

Legend Dimensioning:

Structure

- B = Clear shell construction height
- A = Clear shell construction width

System

- AY = System height
- LH = Clear system height
- LB = Clear system width
- BJ = System width

Housing

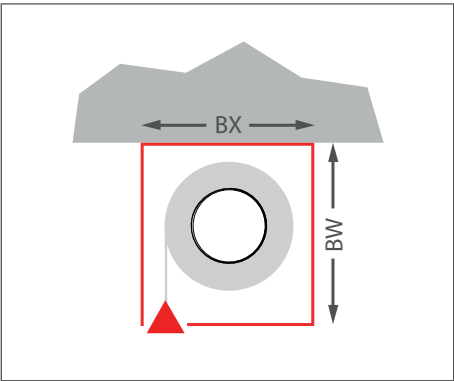
- BX = Depth
- BW = Height
- v = Offset between housing and guide rail

Guide rail

- CD = Width
- CE = Depth
- BD = Offset left
- BE = Offset right

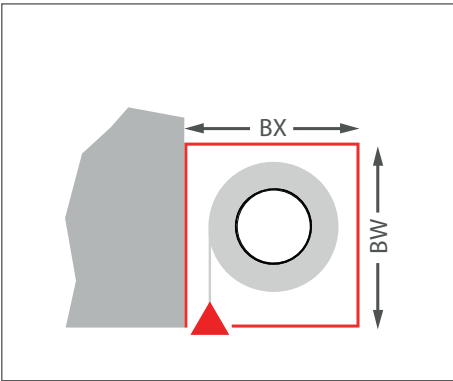
Housing

Ceiling mounting



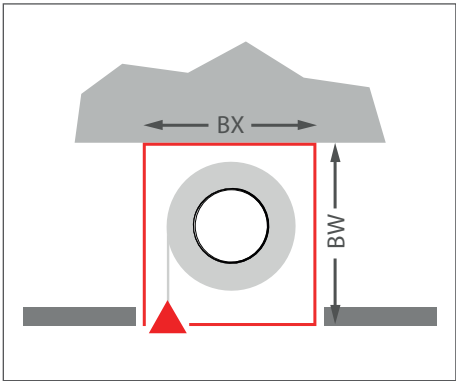
Type A: BX = 190 mm, BW = 200 mm
Type B: BX = 190 mm, BW = 250 mm
Type C: BX = 235 mm, BW = 290 mm
Type D: BX = 270 mm, BW = 320 mm
Type E: BX = 300 mm, BW = 340 mm

Wall mounting



Type A: BX = 190 mm, BW = 200 mm
Type B: BX = 190 mm, BW = 250 mm
Type C: BX = 235 mm, BW = 290 mm
Type D: BX = 270 mm, BW = 320 mm
Type E: BX = 300 mm, BW = 340 mm

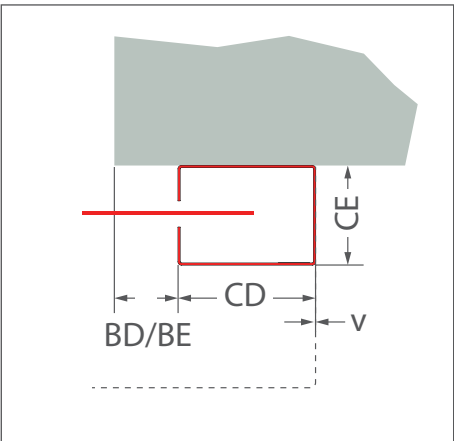
Ceiling installation suspended ceiling



Type A: BX = 190 mm, BW = 200 mm
Type B: BX = 190 mm, BW = 250 mm
Type C: BX = 235 mm, BW = 290 mm
Type D: BX = 270 mm, BW = 320 mm
Type E: BX = 300 mm, BW = 340 mm

Guide rails

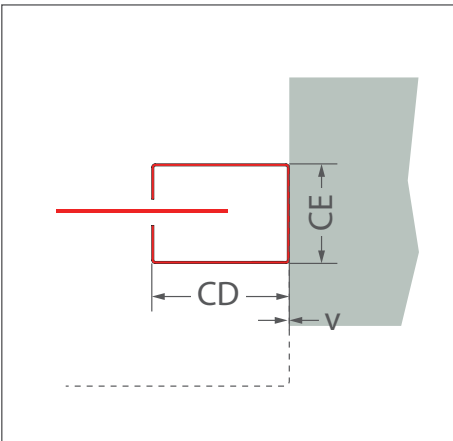
Wall mounting



Type 1	Type 2	Type 3
CD = 80 mm	CD = 105 mm	CD = 160 mm
CE = 74 mm	CE = 74 mm	CE = 100 mm

BD/BE ≥ 0 mm
v = 0 mm

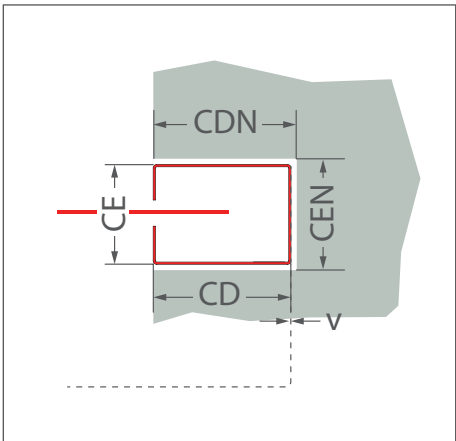
Soffit mounting



Type 1	Type 2	Type 3
CD = 80 mm	CD = 105 mm	CD = 160 mm
CE = 74 mm	CE = 74 mm	CE = 100 mm

v = 0 mm

Recess mounting

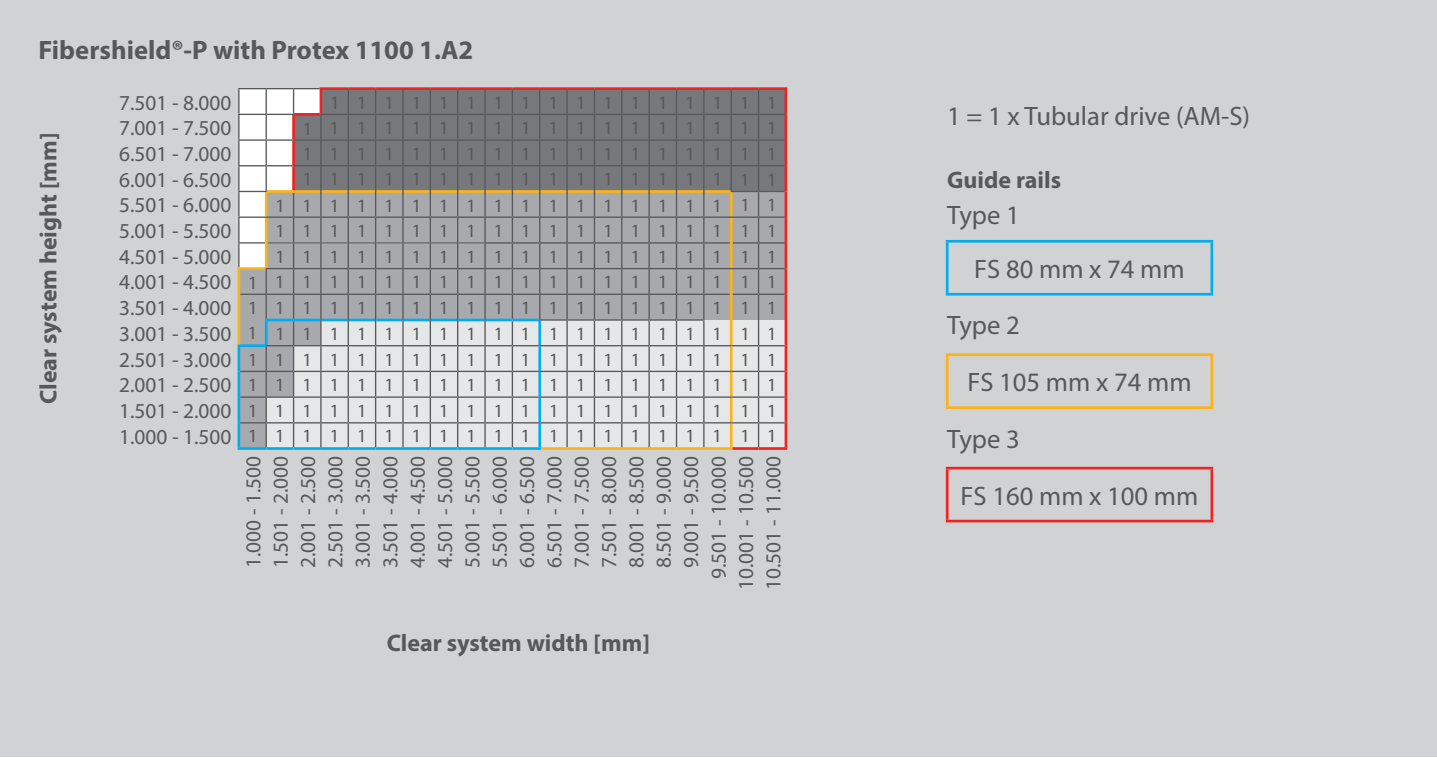


Type 1	Type 2	Type 3
CD = 80 mm	CD = 105 mm	CD = 160 mm
CE = 74 mm	CE = 74 mm	CE = 100 mm

CDN = +15 mm
CEN = +15 mm
v = 0 mm

Note: Dotted line for the winding shaft holder (housing)

Housing overview



Winding housing types

Winding housing depth

Winding housing height

Mounting types

A
B
C

190 mm

190 mm

235 mm

200 mm

250 mm

290 mm

Wall, ceiling, soffit

Wall, ceiling, soffit

Wall, ceiling, soffit

Status: 12.06.2024

Housing overview

