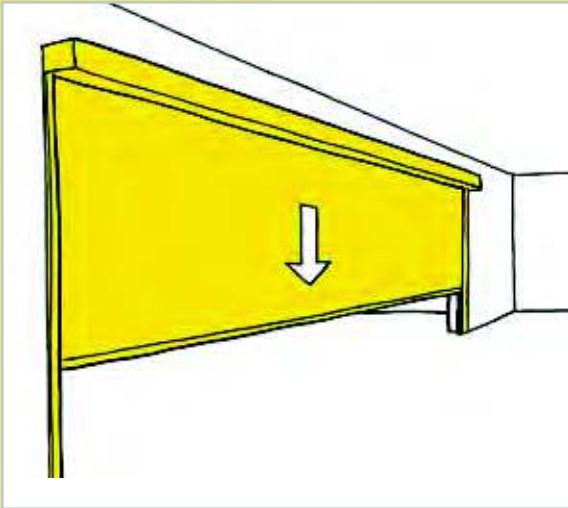


Fibershield-P

The **P**remium textile fire protection closure to match highest demands and to achieve large dimensions



System width

Description of the Fibershield-P system

- approval classification E 120
- scope of approval 3'4" x 6'7" – 19'8" x 16'5"
- made of one piece up to a width of 30 m and for a large drop length (see table)
- highest variability for construction and design
- drive system "Gravigen" as a standard – closing without auxiliary power, no fire-rated cables necessary
- high number of cycles of the motors
- only one drive system is necessary – therefore a reduced effort for the installation
- different protection targets E, EW, EI (with water) by using different types of fabrics
- large widths as well as the self-levelling bottom bar (for the standard housing)
- the safety edge in combination with the self levelling bottom bar is possible as an option
- continuing lateral fixing of the fabric by using the side guides with steel rod for large drop lengths, high pressures, high tightness and gentle closing
- warping free bottom bars even in case of temperature influence
- large fire curtain up to 98' width



a 1" Bottom bar 1" a

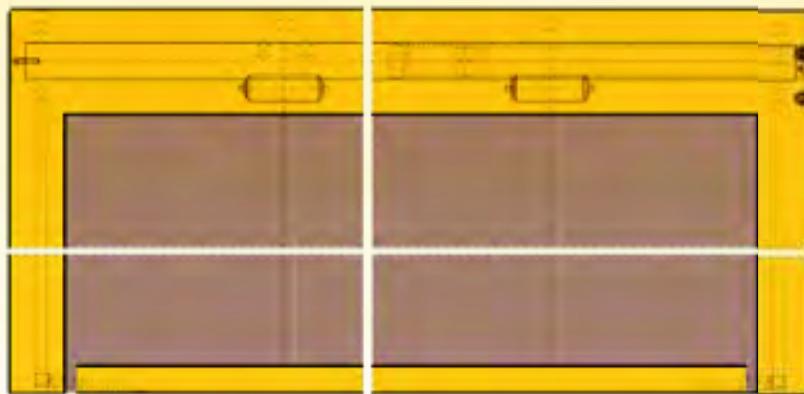
a = Dimension for the side guide System width



Fixed bearing

Fabric	System width	Drop length	t (mm)	h (mm)
Heliotex EW 90 / 120	< 16'4 ³ / ₄ "	≤ 6'6 ³ / ₄ "	7 ¹ / ₂ "	9 ³ / ₄ "
Heliotex EW 90 / 120	< 16'4 ³ / ₄ "	≤ 24'7 ¹ / ₄ "	9 ¹ / ₄ "	11 ¹ / ₄ "
Protex 1100.1	> 2'11 ¹ / ₂ " - 4'7 ¹ / ₈ "	≤ 13'1 ¹ / ₂ "	7 ¹ / ₂ "	9 ³ / ₄ "
Protex 1100.1	> 4'7 ¹ / ₈ " - 13'2"	≤ 13'1 ¹ / ₂ "	7 ¹ / ₂ "	7 ³ / ₄ "
Protex 1100.1	< 16'4 ³ / ₄ "	> 11'5 ³ / ₄ " - 19'8 ¹ / ₄ "	7 ¹ / ₂ "	9 ³ / ₄ "
Protex 1100.1	< 16'4 ³ / ₄ "	> 19'8 ³ / ₄ " - 29'6 ¹ / ₄ "	9 ¹ / ₄ "	11 ¹ / ₄ "

The dimensions of the casing for drop lengths of > 11'5³/₄" - 19'8¹/₄" depend on the requested coil



a 1" Bottom bar 1" a

a = Dimension for the side guide System width



Floated bearing

Fabric	System width	Drop length	t (mm)	h (mm)
Heliotex EW 90 / 120	39' 4 ¹ / ₄ "	6'6 ³ / ₄ "	7 ¹ / ₂ "	9 ³ / ₄ "
Heliotex EW 90 / 120	39' 4 ¹ / ₄ "	6'6 ³ / ₄ "	9 ¹ / ₄ "	11 ¹ / ₄ "
Protex 1100.1	39' 4 ¹ / ₄ "	11'5 ³ / ₄ "	7 ¹ / ₂ "	7 ³ / ₄ "
Protex 1100.1	39' 4 ¹ / ₄ "	> 11'5 ³ / ₄ " - 19'8 ¹ / ₄ "	7 ¹ / ₂ "	9 ³ / ₄ "
Protex 1100.1	39' 4 ¹ / ₄ "	> 19'8 ³ / ₄ " - 29'6 ¹ / ₄ "	9 ¹ / ₄ "	11 ¹ / ₄ "

The dimensions of the housing for drop lengths of 29'7" - 39' 5" depend on the requested coil

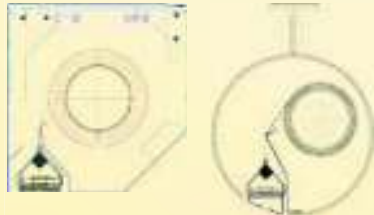
Range of housings



Standard - Fixed bearing



Standard - Floated bearing



Range of special constructions

Bottom bars

Standard for small widths



4,6 type



Heavy type 9,6



Narrow type 5,6,1

Standard for large widths



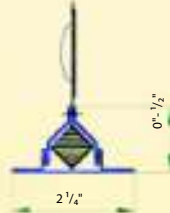
3,84 F type

Self-levelling bottom bar without safety edge



3,84 FK type

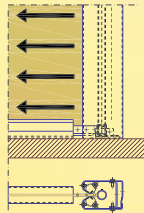
Self-levelling bottom bar - optional with safety edge



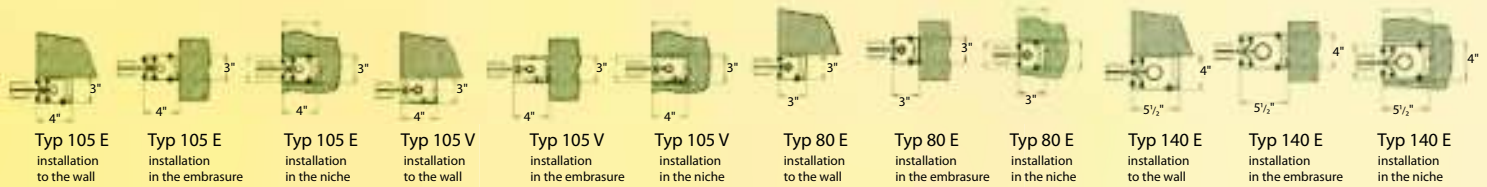
Self-levelling bottom bar without safety edge, under the ceiling

Range of side guides

Continuous fabric clamping due to rod guiding for high pressures and high tightness



Type	Drop length	Size
80 E	≤ 11'6"	≤ 194 ft ²
105 E	≤ 19'9"	≤ 538 ft ²
105 V	≤ 19'9"	≤ 754 ft ²
140 E	≤ 29'8"	≤ 1129 ft ²



Alternatives for the installation



Installation of the housing to the wall, front site run

Installation of the housing to the wall, rear site run

Installation of the housing to the wall, false ceiling is attached to the housing on one side, front site run

Installation of the housing to the wall, false ceiling is attached to the housing on one side, rear site run

Installation of the housing directly to the ceiling

Installation of the housing directly to the ceiling, false ceiling is attached to the housing on both sides

Installation of the housing to the ceiling by using hangers

Installation of the housing to the ceiling by using hangers, false ceiling is attached to the housing on both sides

Protection targets

Protection targets	Integrity	Integrity with limitation of the heat transmission	Insulation with intensified sprinkler protection in case of fire	Insulation with water-spray in case of fire
Classification	E 90 E 120 E 240	EW 90 EW 120	EI 120 EI 180	EI 90
Fabric	Protex 1100.1 Protex 1100.1	Heliotex EW 90 Heliotex EW 120	Protex 1100.1 Protex 1100.1	Protex 1100.1 Protex 1100.1
Labeling Test report	UL 10 B (E120), UL 10 D (E120), UL 864, UL 1784 OSHPD CA certificate	UB III/B-08-012 UB III/B-07-003 UB 3.3 / 10-035-1 UB 3.3 / 11-009-1	UB III/B-05-006 UB III/08-016 UB III/B-07-10-2	UU IV/00-39-1 UB III/B-02-008-1 08/32309876 2011-Efectis-R0495
Water irrigation				

