Stripecoil CE

No. 0761 - CPD - 0077
Characteristics of the complete smoke curtain during a fire are according to the approval no. Z- PA - 56.412 - 937

Automatic smoke curtain Stripecoil

System Description

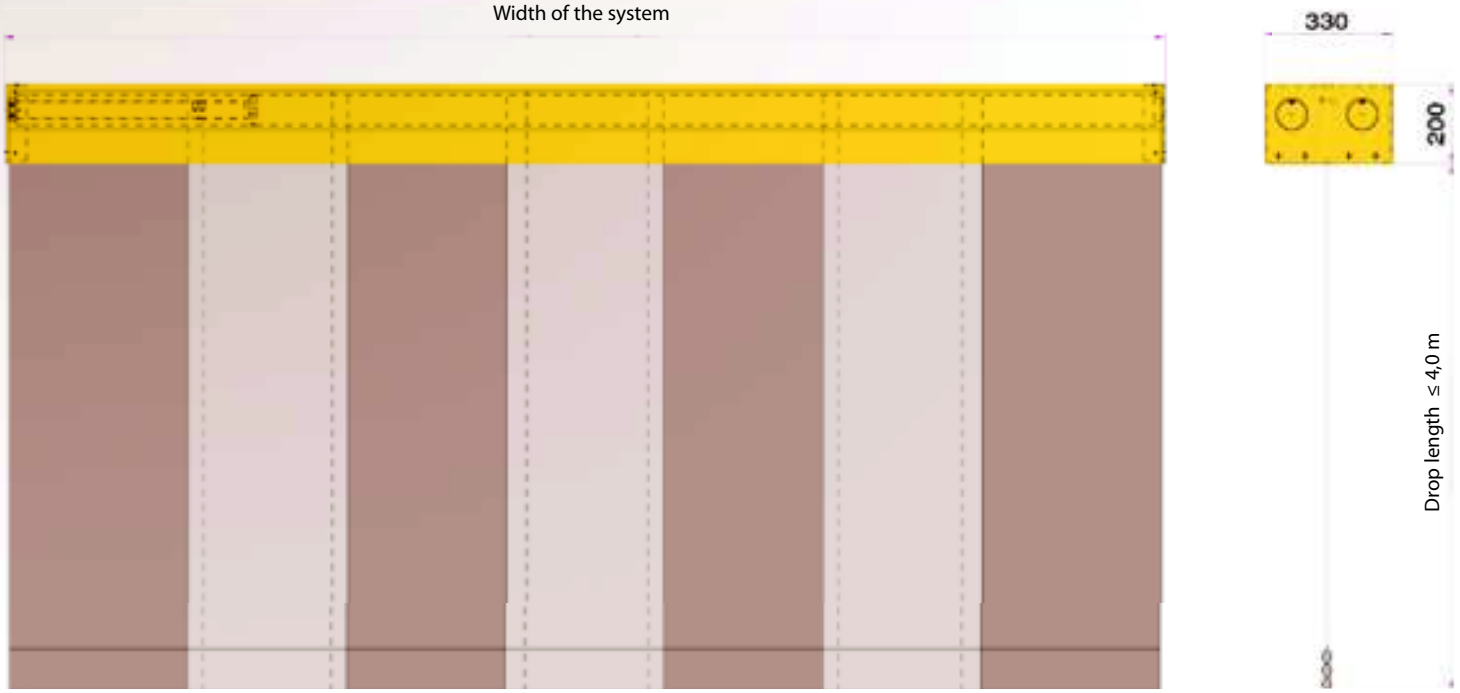
- creation of smoke compartments in alleyways respectively in escape routes with a passage of persons
- double-coil system with unlimited width
- drop length up to 3,5 m
- designed for the time classification and temperature load D = 600°C and DH up to 30 minutes
- passage of up to 200 persons per minute at a width of 3 m is possible
- standard drive system "Gravigen", closing without auxiliary power, no fire resistant cables are necessary
- translucent fabric to optimize the visibility in the area of the passage
- little demand for space for the casing, therefore no limitations in the height of the passage
- soft, elastic and interrupted bottom bar to avoid any injuries
- protected bottom bar against damages and vandalism

Limitations to the system

Drop length	Width of the system
≥ 1 m	≥ 2,5 m
≥ 2 m	≥ 2,2 m
> 3 m	≥ 2,0 m

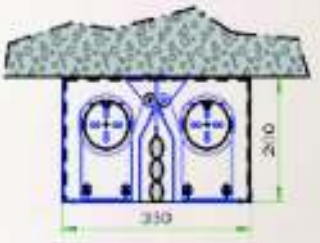
Please consult the manfacturer for smaller systems

Dimensions

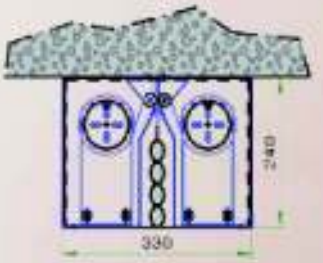


Range of casings

Installation to the wall



Installation to the ceiling



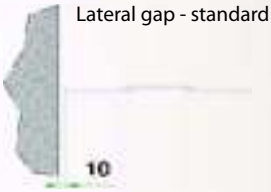
Installation to the wall

Special casing if width of system is < 2 m

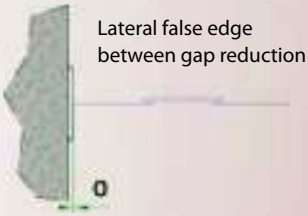
Bottom bar

Elastic bottom bar
with a tear proof fabric

Lateral gaps



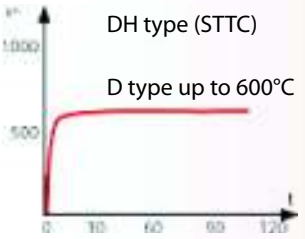
Lateral gap - standard



Lateral false edge
between gap reduction

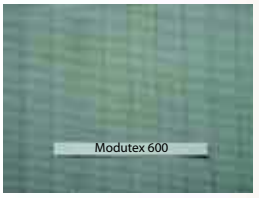
CE-classification

Patented tubular motor with
Gravity Fail Safe technology



DH type (STTC)

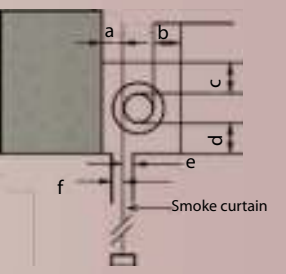
D type up to 600°C



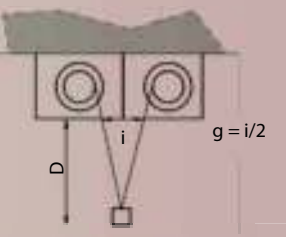
Labelling EN 12101-1	Stöbich **Stripecoil** system
Automatic smoke curtain	ASB 1 / ASB 3 type closing without electric power
Temperature classification	D60 (600°C/60 min.) DH30 (1.100°C/30 min.)
Closing speed (depends on the drive)	approx 0,15 m/sec - e.g. drop length 3,5 m = within 24 s in the closed position
Gap - casing (a-f)	0 mm
Gap - edges (g) embrasure	g = 10 mm + 10 mm
Gap - joint (h)	10 mm
Max. permeability of the smoke barrier fabric (max. 25 $m^3/m^2/h$)	< 1 $m^3/m^2/h$
Test temperature	At ambient temperature and at 200°C
Free area - casing	= Length of the casing x gap casing = L x 0 = 0 mm^2
Free area - edges	= D x gap - edges
Free area - joints	= D x gap - joint x number of joints
CE-Certificate of Conformity according to DIN EN 12101-1	0761 - CPD - 0077
Approval for fire behaviour of the fabric/of the complete smoke barrier	Z - 56.429 - 916 / Z - 56412 - 937

D = Drop length of the smoke curtain

Joint



Casing



Edges