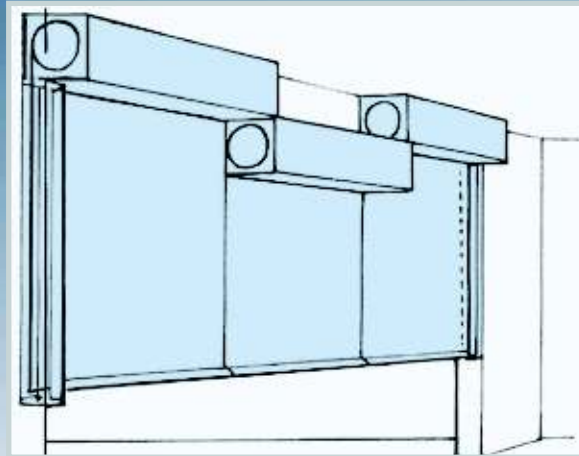
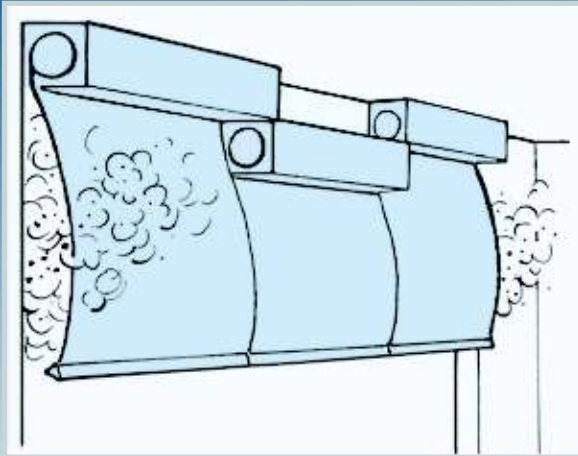


# Moducoil

No. 0761 - CPD - 0076  
 Characteristics of the complete smoke curtain during a fire are according to the approval no. Z-PA-III 4.936

## The standard smoke curtain in a modular design

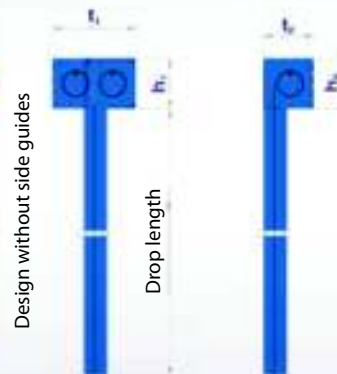
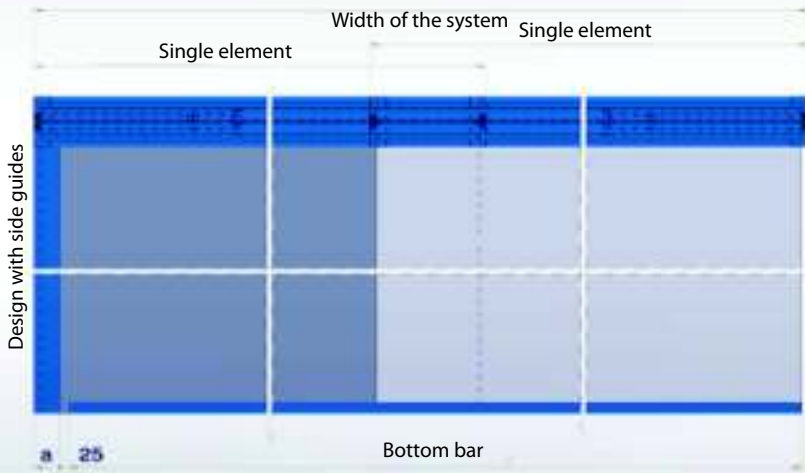


### System Description

- pre-manufactured single elements will be assembled to create one complete unit up to any width standard drop length of up to 8.5 m
- designed for the time classification and temperature load D = 600°C
- standard drive system "Gravigen", closing without auxiliary power, therefore no fire resistant cables are necessary

- robust drive unit, applicable for a high number of cycles (up to 10.000 cycles), with approved hold open unit
- modular installation of the casings side by side or on top of each other
- connected bottom bar across all elements
- can be combined with a self levelling bottom bar
- alternatively with side guides
- also suitable (and approved) as smoke curtain that is flush with the floor

### Dimensions



#### Single module

Width of the system	Drop length	Casing (mm)
≤ 5 m	≤ 4,5 m	150 x 150
≤ 5 m	>4,5 m - ≤ 7 m	185 x 185
>5 m - ≤ 7 m	≤ 4,5 m	185 x 185

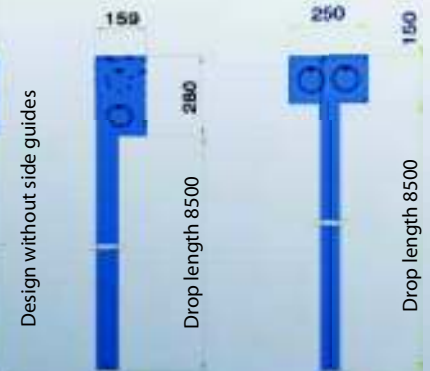
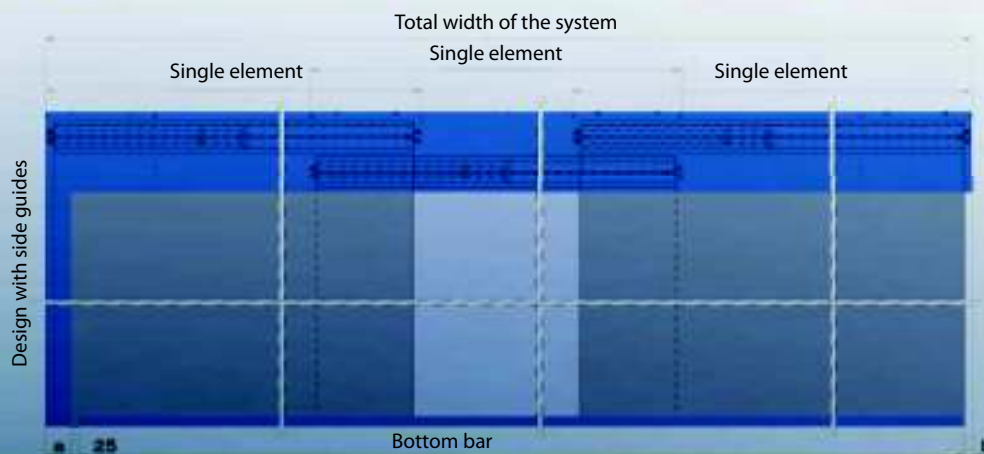
max. width of casing of 7 m  
 (attention: max. drop length of 4,5 m)

#### Multiple module - parallel

Width of the system	Drop length	Casing (mm)
> 7 m	≤ 4,5 m	250 x 150
> 7 m	>4,5 m - ≤ 7 m	320 x 185

#### Multiple module - one upon the other

Width of the system	Drop length	Casing (mm)
> 7 m	≤ 4,5 m	160 x 280
> 7 m	>4,5 m - ≤ 7 m	195 x 350



## Range of casings



Single smoke curtain-wall

Modular smoke curtain-wall (standard)

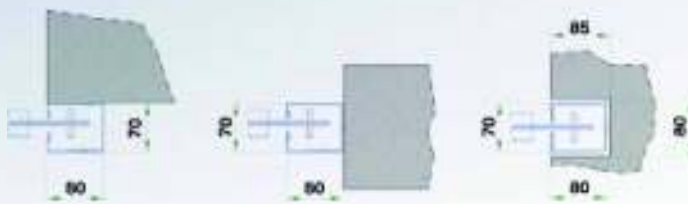
Single smoke curtain-ceiling

Modular smoke curtain-ceiling

Self levelling bottom bar with single smoke curtain

Self levelling bottom bar with modular smoke curtain

## Range of side guides

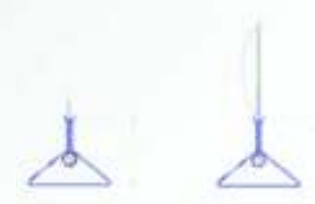


Wall

Embrasure

Niche

## Bottom bar

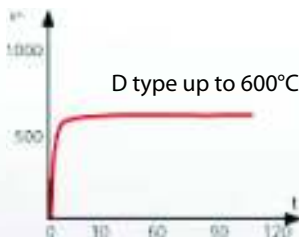


Standard

Self levelling bottom bar

## CE-classification

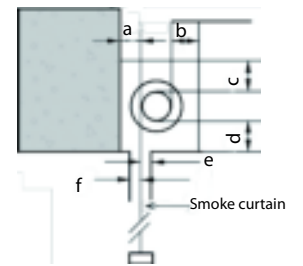
Patented tubular motor with Gravity Fail Safe technology



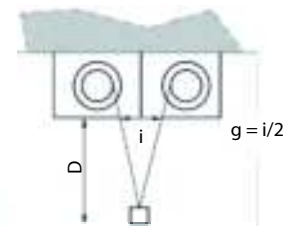
Labelling EN 12101-1	Stöbich Moducoil system
Automatic smoke curtain	ASB 1 / ASB 3 type Closing without electric power
Temperature classification	D120 (600°C/120 min.)
Closing speed (depends on the drive)	approx 0,15 m/sec e.g. drop length 9 m = 60 s in the closed position
Gap - casing (a-f)	0 mm
Gap - edges (g) embrasure	g = 0 mm with side guide g = 20 mm + 20 mm without side guides
Gap - joint (h)	17 mm (standard ceiling installation) 0 mm (standard wall installation)
Max. permeability of the smoke barrier fabric (max. 25 m³/m²/h)	< 1 m³/m²/h
Test temperature	At ambient temperature and at 200°C
Free area - casing	= Length of the casing x gap casing = L x 0 = 0 mm²
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 - 0076
Approval for fire behaviour of the fabric/of the complete smoke barrier	Z - 56.429 - 916 / Z - 56.412 - 936

D = Drop length of the smoke curtain

Joint



Casing



Edges

