Description

Stoebich Fibershield® Fire Curtain for Enclosed Protection

Product Summary

Fire curtain that when activated, provides enclosed protection against fire

Certification

European Norm	EN 13501-2:2016
Product Classification	Without Sprinklers: E120, EW90. With Sprinklers EI120
EC Certificate of Conformity No.	n/a (No Harmonised European Norm)
Certifire No.	n/a
Declaration of Performance	n/a (No Harmonised European Norm)
Other Test Evidence	n/a

BIM Assist™

CE

BC(A)R Assist™*

Guarantee	**1 Year**
Last Reviewed	24/07/2020
* ROI Only	

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Description

Stoebich Fibershield® Fire Curtain for Enclosed Protection
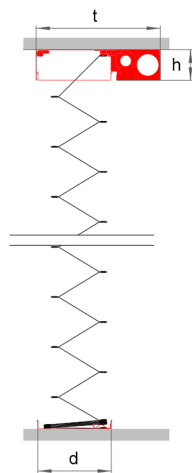
Features & Characteristics

- Fire curtain that when activated, provides enclosed protection against fire
- Protected area can be rectangular or polygon with angles between 30° and 130°
- No support elements are required despite the corner design
- Open systems that close against a wall by use of special guide rails
- Spring-loaded closing strip presses tightly against the ceiling providing closure
- Can be closed without external energy by means of the 'Gravigen' drive system that is incorporated as statndard
- Tested to 10,000 cycles
- Closing action of top to bottom
- Fire Resistance: Without Sprinklers E120, EW90 . With sprinklers (EI120 see EI Casing)
- Fabric Options:
  - Ecotex
  - Heliotex
- Fire load free zone:
  - Ecotex: EI 30/60/90 minutes - 100/150/200 cm
  - Heliotex: EI 30/60/90 minutes - 20/30/50 cm

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System Components & Dimensions

- ① Smoke detector
- ② Casing
- ③ Side guide
- ④ Tubular motor
- ⑤ Fabric
- ⑥ Closing element
- ⑦ Coil
- ⑧ Control module
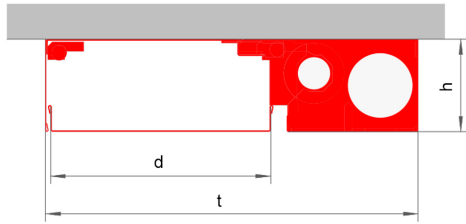- ⑨ Control with operating unit
- ⑩ Manual release

Dimensions

- Fabric: Ecotex 1100 A2
    - System width (SL): <50m, Drop length (AL): <3m
        - Casing depth (t): 490mm
        - Casing height (h): 125mm
    - System width (SL): <50m, Drop length (AL): >3m - <=6m
        - Casing depth (t): 490mm
        - Casing height (h): 225mm
- Fabric: Heliotex EW90
    - System width (SL): <50m, Drop length (AL): <2.2m
        - Casing depth (t): 490mm
        - Casing height (h): 125mm
    - System width (SL): <50m, Drop length (AL): >2.2m - <=2.5m
        - Casing depth (t): 490mm
        - Casing height (h): 225mm
    - System width (SL): <50m, Drop length (AL): >4.5m - <=6m
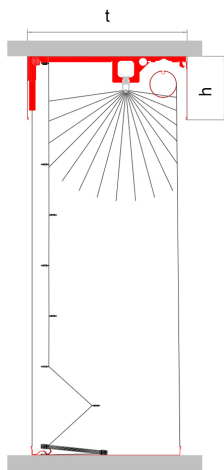   - Casing depth (t): 490mm
        - Casing height (h): 450mm

Standard Casing Open

- t: 190mm
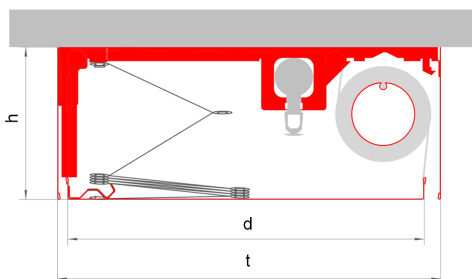- h: 225, 450mm
- d=290mm

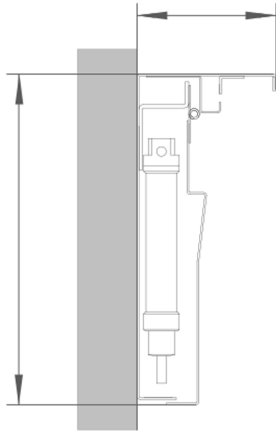**Standard Casing Closed**

- t: 490mm
- h: 225, 450mm
- d=290mm

EI Casing Open

- t: 600mm
- h: 240mm

EI Casing Closed

- t: 600mm
- h: 240mm
- d: 560mm

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Guide Rails for Open Polygons

- a: 117mm
- b: 278mm

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Stoebich Fibershield® Fire Curtain for Enclosed Protection

Specification Text

FIRE AND SMOKE CURTAIN SPECIFICATION
· Manufacturer: Stoebich
- Product reference: KFSC-FS CURTAIN S
· Type: Stoebich Fibershield® Fire Curtain for Enclosed Protection
· Fire Resistance: EI30, EI60, EI90, EW90. EI With Sprinklers
· Fire load free zone:
 · Ecotex EI 30/60/90 minutes - 100/150/200 cm
 · Heliotex EI 30/60/90 minutes - 20/30/50 cm
· Fabric: Ecotex 1100 A2
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