**Smokescreen Active S1**

***Options are in italics***

Manufacturer:

* Hoefnagels Fire Safety

Type:

* Smokescreen Active S1

Dimensions:

* *Clear opening width (mm): ........ According to drawing (max. 50,000 mm)*
* *Clear opening height (mm): ……… According to drawing (max. 6,000 mm)*

Execution:

* Exclusively to be applied in combination with smoke and heat extraction systems (SHEVS)
* Self-closing. The smoke-resistant roller screen Smokescreen Active descends only when needed, in response to a signal from the fire control panel.

Smoke resistance:

* 132 minutes (in accordance with NEN-EN 12101-1)

Installation:

* *In the clear opening / On the wall*

Fabric:

* Material: Two-sided fibreglass cloth with a grey polyurethane coating.
* Material thickness: 0.4 mm
* Cloth weight per m²: 0.45 kg
* Bottom bar: Steel profile

Consoles:

* Material: hot-dip galvanised steel

Surface treatment:

* Standard surface treatment of all parts: hot-dip galvanised steel
* *Visible parts powder coating in RAL colour ............ (optional)*

Power supply:

* *EFS (Electrical Fail Safe), a 24V tubular motor which is driven by a control box provided with 24V emergency power batteries. In the event of a power failure, the screen closes using these emergency power batteries.*
* *GFS (Gravity Fail Safe), a 230V tubular motor which is driven by a control box. In the event of power failure, the screen closes by gravity.*

Control:

* The control box includes the ability to connect to the fire alarm system and has LED indicators for:

Power supply; Fire signal action; Maintenance; Battery voltage (only with 24V).

Operation:

* *Two key switches (one on each side) (for opening and closing)*
* *One or two buttons (surface mounted) "up-stop-down" (optional) to replace the key switch or possibly in combination with the key switch*

Signals:

* *Coupling with fire alarm centre*
* *Stand-alone by smoke detectors on both sides of the wall*

Options:

* *Key switch for operation/reset*
* *Smoke and temperature alarms*
* *Strobe light*
* *Buzzer*
* *External LED display*
* *This smoke curtain can be used as a smoke-resistant corner solution (90 degrees) for areas such as escalators, atriums and mezzanines.*

Material of mounting surface:

* *Steel with fire-resistant cladding*
* *Concrete*
* *Stone*
* *Aerated concrete building blocks*