**Firelock Radiation CS**

***Options are in italics***

Manufacturer:

* Hoefnagels Fire Safety

Type:

* *Fire-resistant rolling door, Firelock® R CS 1 - EW30*
* *Fire-resistant rolling door, Firelock® R CS 2 - EW60*
* *Fire-resistant rolling door, Firelock® R CS 3 – EW90*
* *Fire-resistant rolling door, Firelock® R CS 4 – EW120*

*Firelock® R CS 1 / R CS 2 / R CS 3 - EW30 / EW60 / EW90*

* *Daylight width (mm): According to drawing (max 3,700 mm)*
* *Daylight height (mm): According to drawing (max 4,000 mm)*

*Firelock® R CS 4 – EW120*

* *Daylight width (mm): According to drawing (max 3,700 mm)*
* *Daylight height (mm): According to drawing (max 3,000 mm)*

Execution:

* Self-closing at fire signal and loss of power supply

Fire resistance:

* *30 minutes EW (in accordance with EN 1634-1/EN 13501-2)*
* *60 minutes EW (in accordance with EN 1634-1/EN 13501-2)*
* *90 minutes EW (in accordance with EN 1634-1/EN 13501-2)*
* *120 minutes EW (in accordance with EN 1634-1/EN 13501-2)*

Installation:

* *On the wall*

Door surface (roller shutter):

* Material: double-wall steel profiles with steel wool insulation
* Profile thickness: 22 mm
* Profile height: 100 mm
* Colour: Sendzimir zinc-plated steel

Guides, consoles and casing:

* Material: thick steel/steel profiles
* Colour: guides, Sendzimir zinc-plated steel

Surface treatment:

* *Sendzimir zinc-plated steel*
* *Casing and/or guides in RAL colours ....*

Power supply:

* 380 V special chain motor that closes automatically in the event of a power failure; mounted on the front of the casing

Control:

* Firelock Smart Control control box with LCD display for current status and backup batteries that hold the motor brake in the event of a power failure

Operation:

* *Operation with buttons on control box*
* *Push button (construction) "up-stop-down"*
* *Push button (construction) "up"*
* *Key switch (construction) "up-down"*”

Signals:

* *Coupling with fire alarm centre*
* *Standalone by smoke detectors*

Casing:

* Full casing around rolling mechanism and drive

Options:

* *Secured bottom bar with pressure frame*
* *Emergency push buttons*
* *Slow whoop and/or flash lights (one or both sides)*
* *Feedback of current status to building management system*

Material mounting surface:

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

CE marking:

* 1812-CPR-1796