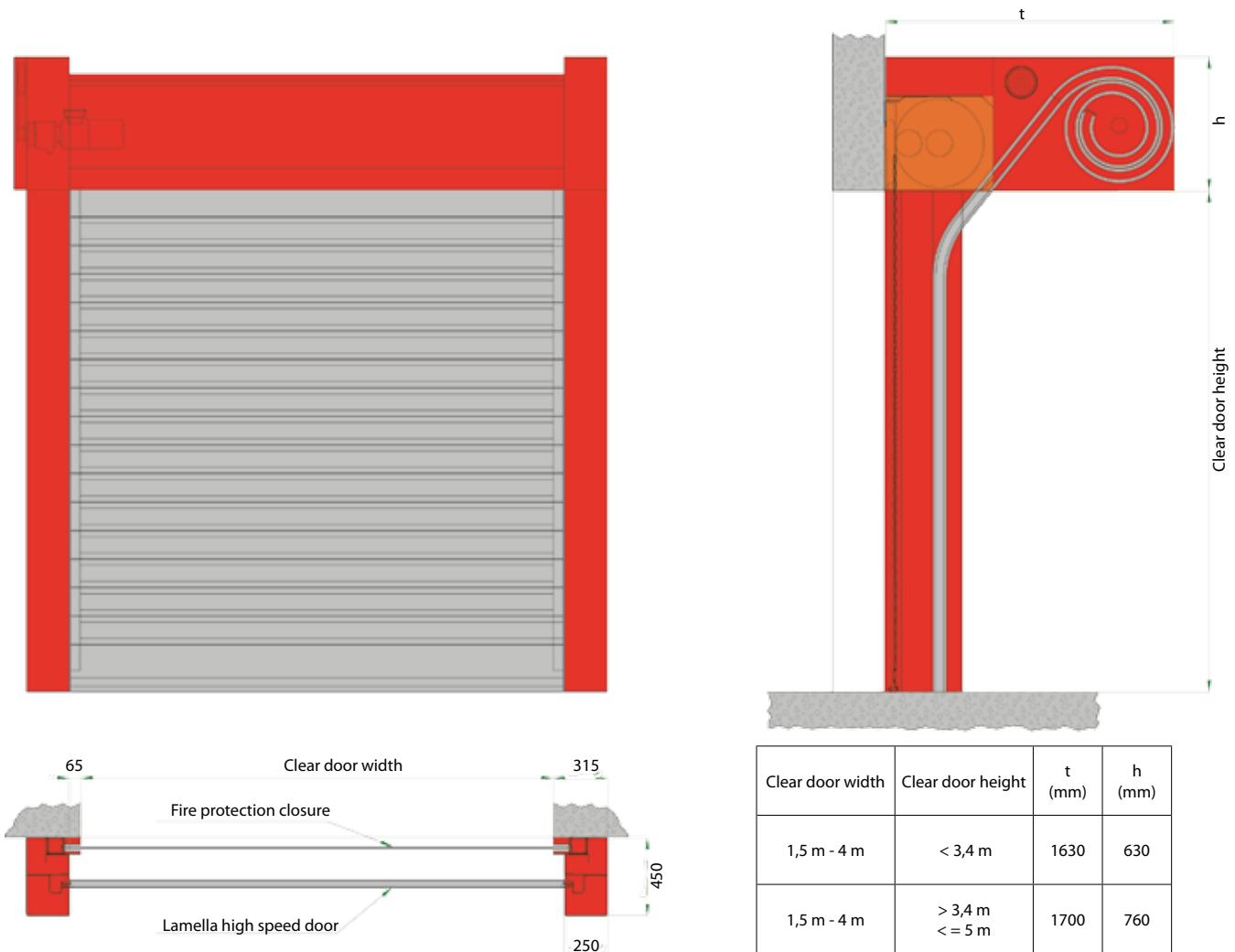


# FIREFAST EI 30 - HIGH SPEED SPIRAL DOOR

High speed spiral door and fire protection closure „Fibershield-I“ are merged to one unit

- Due to the heat-insulating characteristic of the fire protection closure, all high speed doors can be combined with it
- No restriction on the performance parameter of the individual systems
- Installation at one wall side for the optimal usage of the utility space

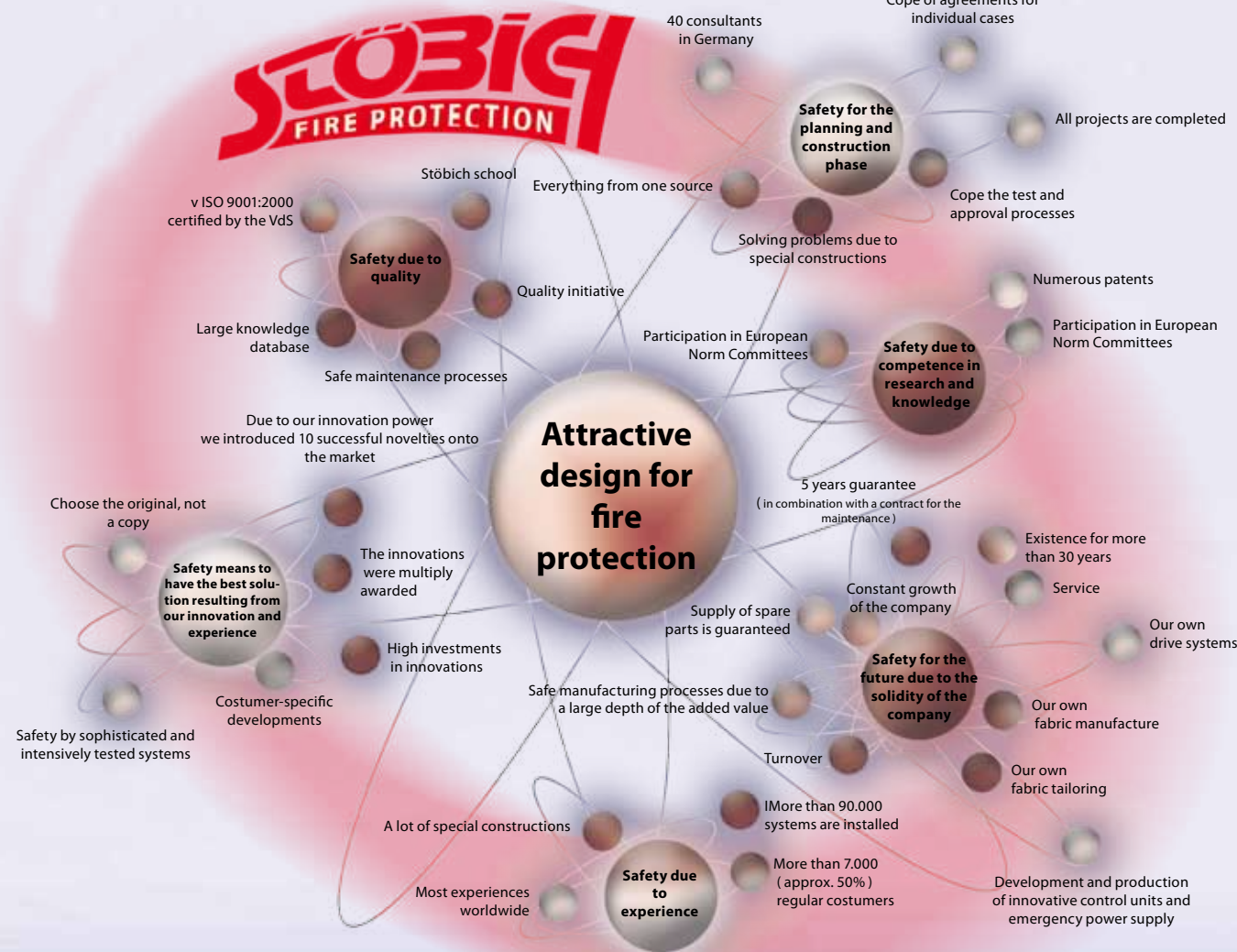


## Efaflex- high speed door with spiral technology

- Integration of fire protection and insulation
- Automatic complete opening in case of fire (in order to avoid heat accumulation)
- Durable glass elements, well protected against scratches
- High opening speed up to 2.5 m/sec.
- Low required space by rewind of the gate (spiral technique)
- With door line light grid EFA-TLG and the laser scanner EFA-SCAN, two unique safety equipments worldwide
- Up to 250.000 load changes p.a

## Efaflex- high speed door with spiral technology

- Fire protection closure Fibershield-I tested according to DIN EN 1634-1
- Fire resistance class EI30 according to DIN EN 13501-2
- Fabric: Intutex EI 30, fire behaviour A2 according to DIN 4102
- Gravity fail safe technology, speed-controlled closing without auxiliary energy



## Awards/innovation rewards

### Invisible fire protection!



Existing buildings by Federal Ministry

TV award „simply ingenious“ („einfach genial“) certificate of the MDR (German TV station)

Award for innovative products on the exhibition in April 2005 in Moscow

Lower-Saxony Foreign Trade Award 2010

German Awards for innovation in architecture and building industry

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01/2011-01-K-500-EN

# Firefast

## High speed door with integrated fire protection closure

- Firefast EW 90
- Firefast EI 30 Foil-high speed door
- Firefast EI 30 High speed spiral door



@ [www.stoebich.de](http://www.stoebich.de)  
[info@stoebich.de](mailto:info@stoebich.de)

# STÖBICH

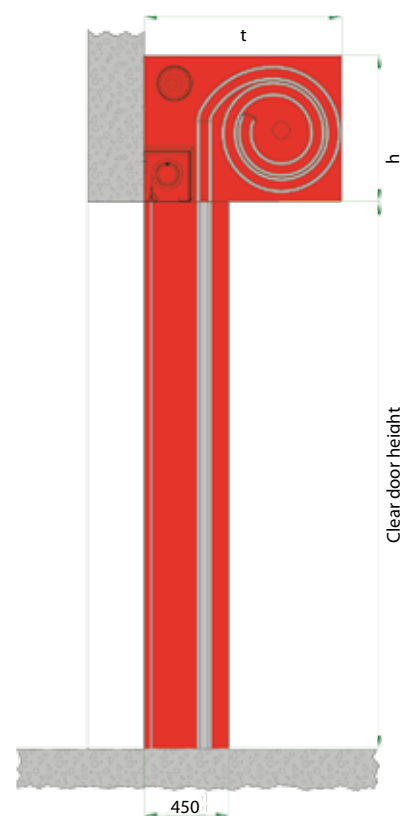
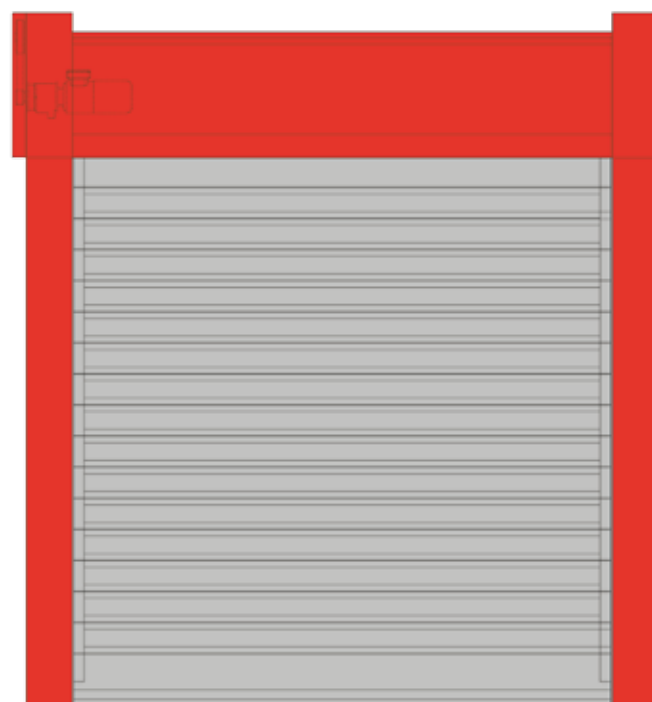
FIRE PROTECTION

Innovation for your Protection!

# FIREFAST EW – 2ND GENERATION

„Efaflex“ Spiral high speed door and fire protection closure „Fibershield-E“ are merged to one unit

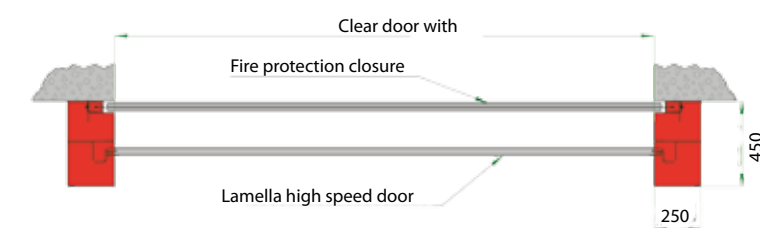
- No restriction on the performance of the individual systems
- Installation at one wall side for the optimal usage of the utility space
- Patented solution



Clear door with	Clear door height	t (mm)	h (mm)
1,5 m - 4 m	< 3,4 m	1000	690
1,5 m - 4 m	> 3,4 m <= 5 m	1070	760

## Fire protection closure Fibershield-E

- The unit (SLT and FSA) tested according to EN 1634-1
- Fire resistance class EW 90 according to DIN 13501-2
- Fabric: Heliotex EW 90, aluminium coated, fire behaviour A2 according to DIN 4102/A2-s1, d0 according to DIN EN 13501-1
- Gravity fail safe technology, speed-controlled closing without auxiliary energy
- Integrated control unit of both systems in one unit



## Efaflex- high speed door with spiral technology

- Integration of fire protection and insulation
- Automatic complete opening in case of fire (in order to avoid heat accumulation)
- Durable glass elements, well protected against scratches
- High opening velocity up to 2.5 m/sec.
- Low required space by rewind of the gate (spiral technique)
- With door line light grid EFA-TLG and the laser scanner EFA-SCAN two unique
- Up to 250.000 load changes p.a.

# TWO REQUIREMENTS IN ONE FIREWALL

## In operation:

**A high speed door with specific requirements for rapid opening and closing**

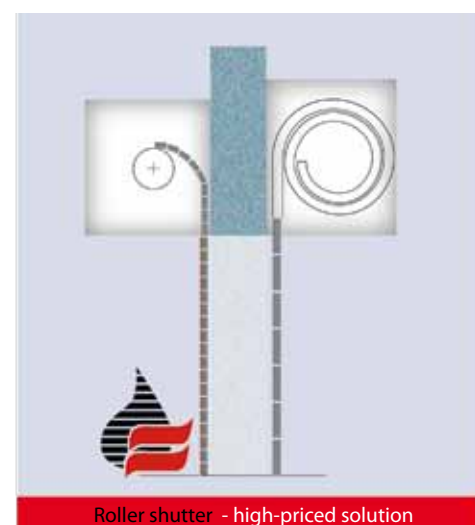
## In case of fire:

**A fire protection door (Fire protection closure) for fire-retarding sealing against the passage of fire**

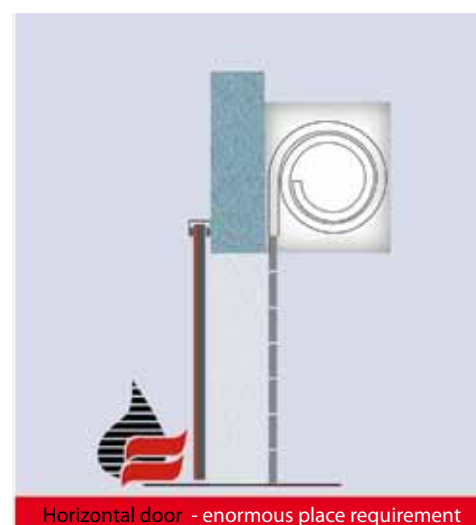
PRESENT SOLUTION - WRONG OR INEFFICIENT



Insulation - protection target cannot be achieved



Roller shutter - high-priced solution



Horizontal door - enormous place requirement

## 2 APPROACHES WITH TEXTILE FIRE PROTECTION CLOSURES

### Fire protection closures with classification EW 90 (radiation limitation)

Combination of an Efaflex - spiral high speed door with textile fire protection closure with the fire resistance class EW 90.

In case of fire, the high speed door has to be completely opened with its flammable components.

With the patented solution, an inflammation caused by the heat accumulation will be avoided.

### Fire protection closures with classification EI 30 (heat-insulating)

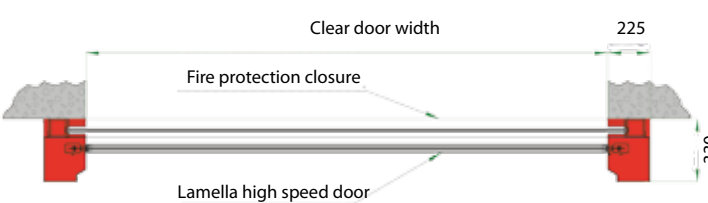
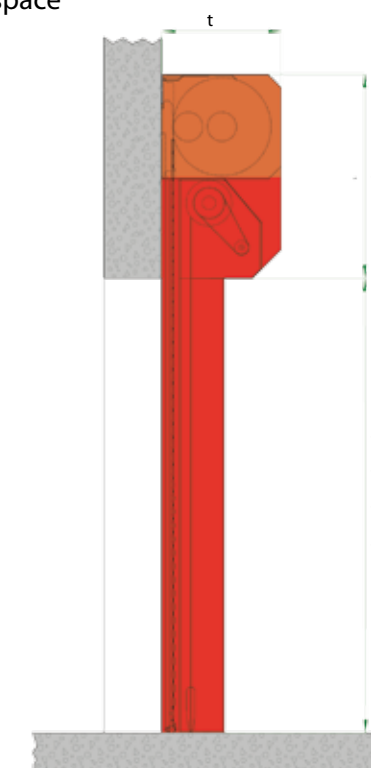
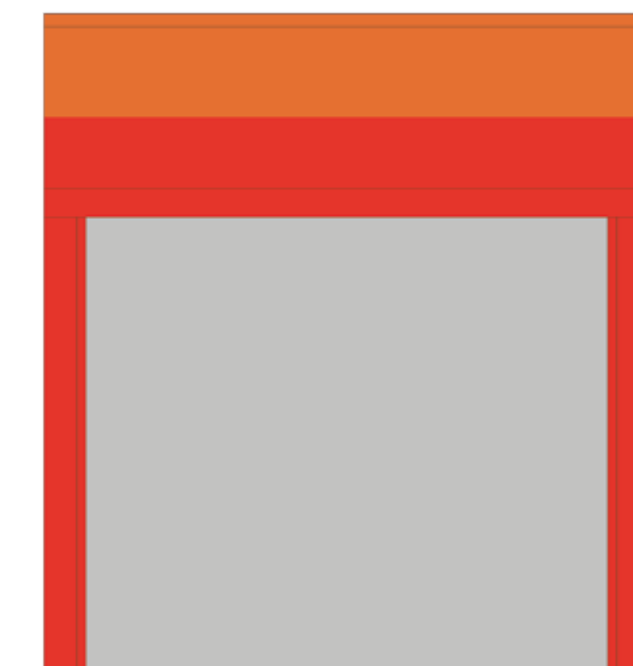
Combination of any high speed door with a textile fire protection closure with the fire resistance class EI 30.

Due to the heat-insulating characteristic, no demands are made to the high speed door, neither for the opening nor for special constructional characteristics.

# FIREFAST EI 30-FOIL HIGH SPEED DOOR

Foil high speed door and fire protection closure „Fibershield-I“ are merged to one unit.

- Due to the heat-insulating characteristic of the fire protection closure, all high speed doors can be combined with it.
- No restriction on the performance parameter of the individual systems
- Installation at one wall side for the optimal usage of the utility space



## High speed door as foil door

- Integration of fire protection closure and insulation
- Resilient foil-high speed door
- Curtain with transparent elements
- Opening velocity up to 2 m/sec
- Optimal start-up protection: Safety equipment prevents largely expensive damages in case of crash

## Fire protection closure Fibershield-I

- Fire protection closure Fibershield-I tested according to DIN EN 1634-1
- Fire resistance class EI 30 according to DIN EN 13501-2
- Fabric: Intutex EI 30, fire behaviour A2 according to DIN 4102
- Gravity fail safe technology, speed-controlled closing without auxiliary energy

Clear door width	Clear door height	t (mm)	h (mm)
1,5 m - 4 m	< 3,4 m	560	1000
1,5 m - 4 m	> 3,4 m <= 5 m	630	1070

