

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
info@stoebich.de

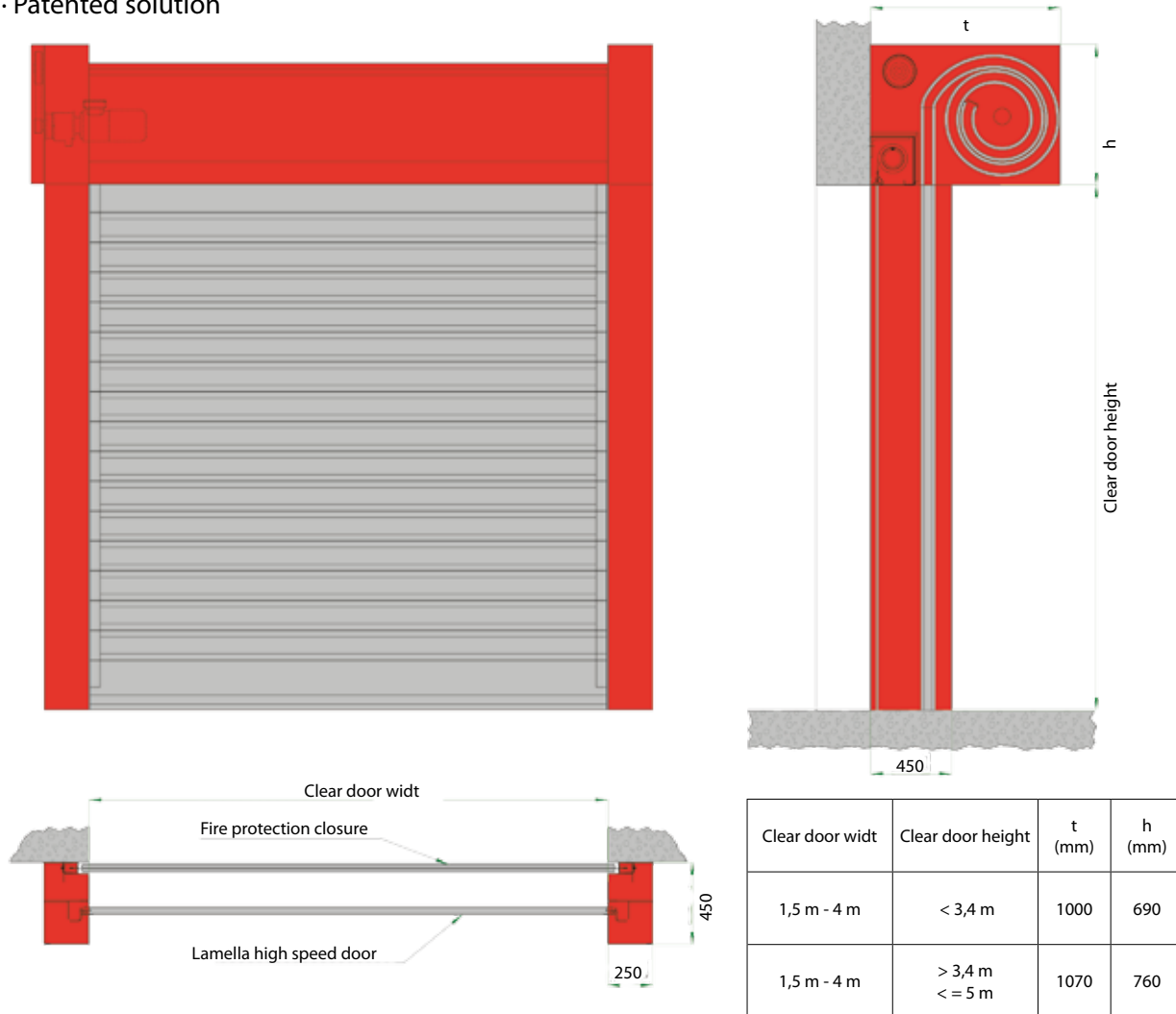
STÖBICH
FIRE PROTECTION

Innovation for your Protection!

FIREFAST EW – 2ND GENERATION

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

- No restriction on the performance parameter of the single systems
- Installation to one wall side, for this reason optimal usage of utility space
- Patented solution



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 250.00 load changes p.a.a

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 1402/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

TWO REQUIREMENTS OF A FIRE WALL

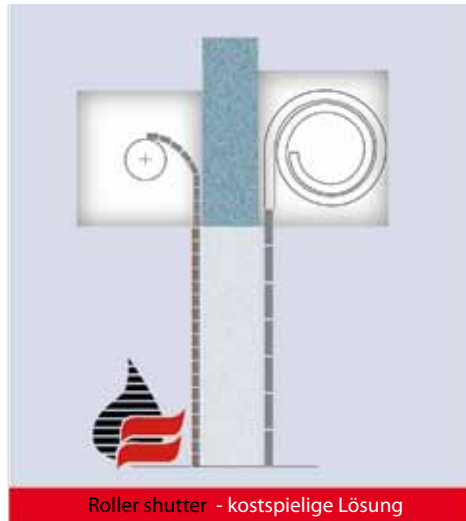
In operation:

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



2 APPROACHES WITH TEXTILE FIRE PROTECTION CLOSURES

Fire protection closure with classification EW90 (radiation limitation)

Combination of any high speed door with a textile fire protection closure with fire resistance class EI 30. Because of the heat- insulating characteristic no demands are made to the high speed door, neither the opening nor special constructive characteristic.

Fire protection closure with classification EI 30 (heat-insulating)

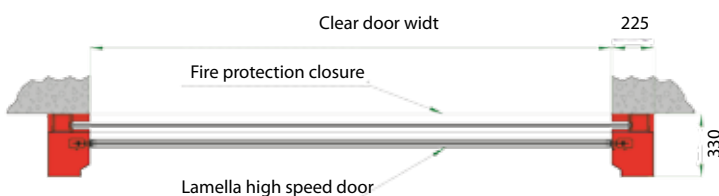
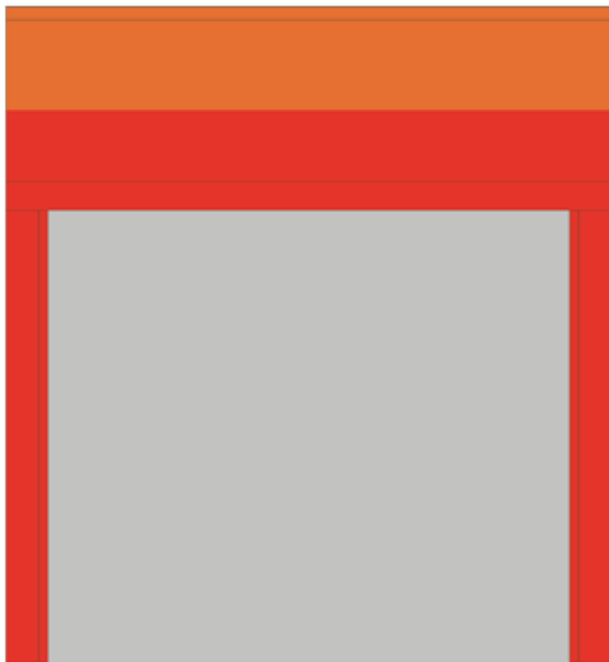
Combination of any high speed door with a textile fire protection closure with fire resistance class EI 30. Because of the heat- insulating characteristic no demands are made to the high speed door, neither the opening nor special constructive characteristic.



FIREFAST EI 30-FOIL HIGH SPEED DOOR

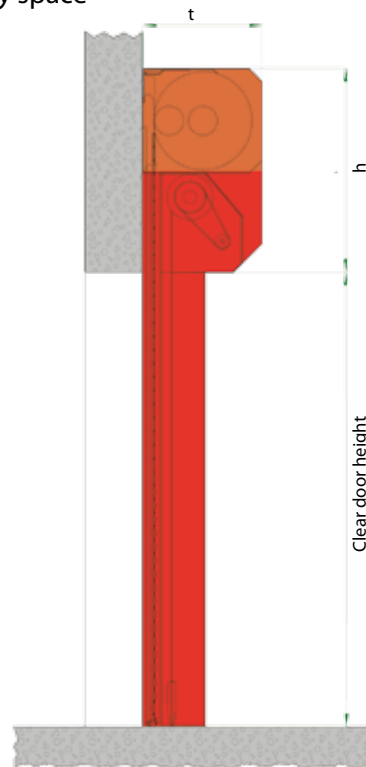
Foil high speed door and fire protection closure „Fibershield-I“ are merged to one unit.

- Because of 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 single systems
- Installation to one wall side, for this reason optimal usage of utility space



High speed door as foil door

- Integration of fire protection and insulation
- Resistant foil high speed door
- Curtain with transparent elements
- Opening velocity up to 2 m/sec.
- Optional start-up protection: safety equipment prevents expensive damages in the case of crash



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

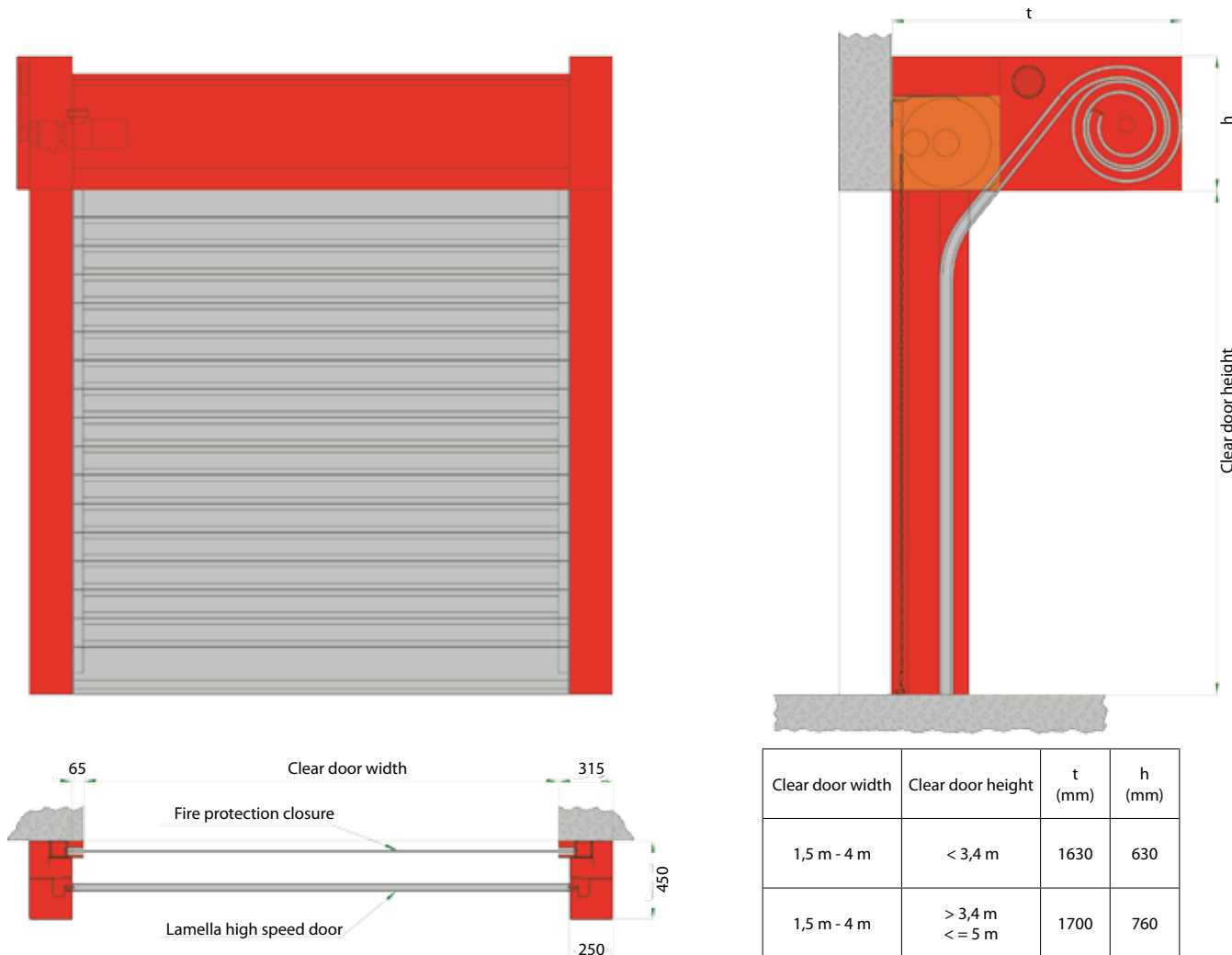
Fire protection closure Fibershield-I

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

FIREFAST EL 30 – HIGH SPEED SPIRAL DOOR

High speed spiral door and fire protection closure "Fibershield-I" and are merged to unit

- Because of 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 single systems
- Installation to one wall side, for this reason optimal usage of utility space

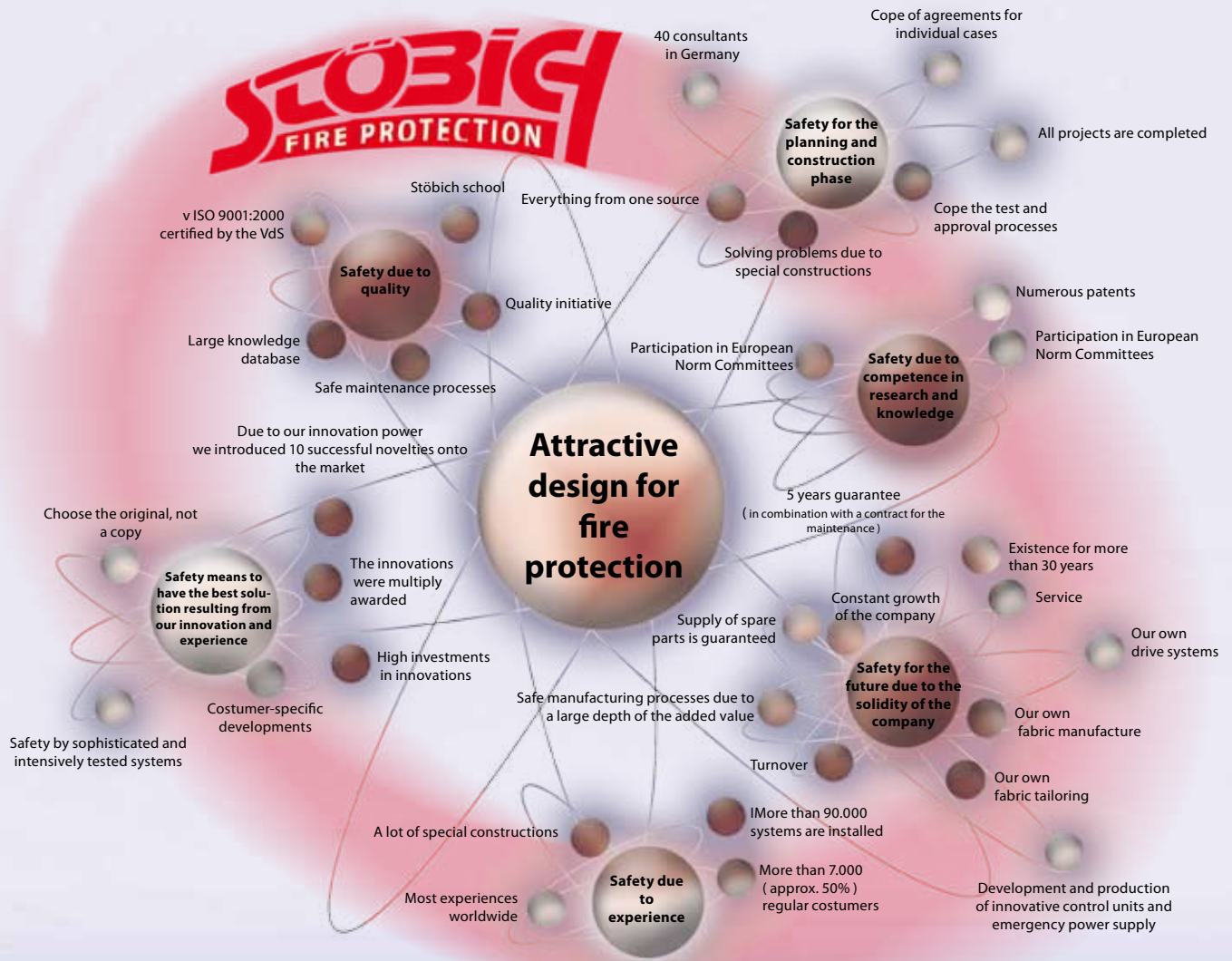


Efaflex- high speed door with spiral technology

- 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 250.00 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

Headquarters

Stöbich Brandschutz GmbH
Pracherstieg 6
38644 Goslar, Germany
Phone +49-(0) 53 21 - 57 08-0
Fax +49-(0) 53 21 - 57 08-1991

Branch South

Stöbich Brandschutz GmbH
Gewerbehof 8
73441 Bopfingen, Germany
Phone +49-(0) 73 62 - 96 14-0
Fax +49-(0) 73 62 - 96 14-50

Branch East

Stöbich Brandschutz GmbH
Geltestraße 12
06188 Landsberg OT Queis, Germany
Phone +49-(0) 3 46 02 - 55 2-0
Fax +49-(0) 3 46 02 - 55 2-50

Branch West

Stöbich Brandschutz GmbH
Max-Planck-Straße 13
59423 Unna, Germany
Phone +49-(0) 23 07 - 98 689-0
Fax +49-(0) 23 07 - 98 689-50

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