

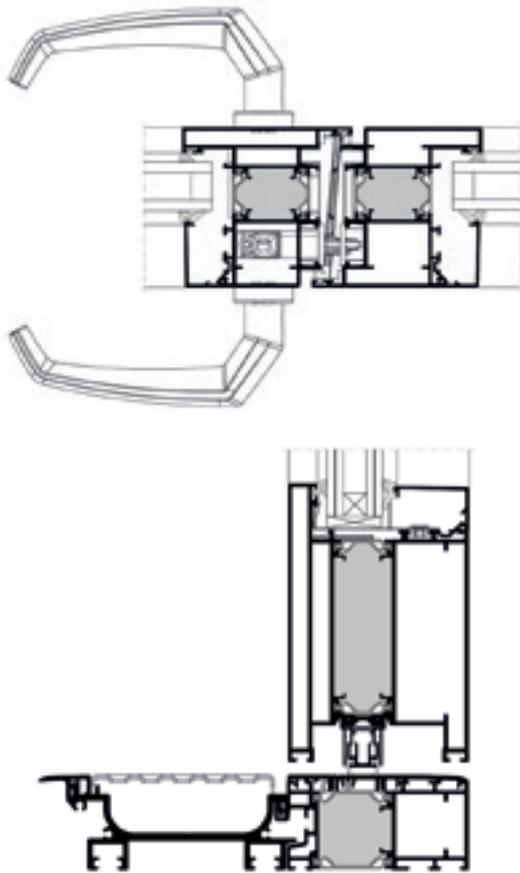


# heroyal FireXtech D 93 FP

Fire Protection System



# heroal FireXtech D 93 FP



## Fire Protection System for Europe

heroal FireXtech D 93 FP is a CE-certified fire protection system, characterized by its modular design, short processing times and excellent static features. The system offers fire protection planners, architects and fabricators a system solution for inside and outside use in both commercial and residential construction. With its 93 mm design depth, the filled fire protection system heroal FireXtech D 93 FP can be processed directly, any additional preparations of the profile system are not required.

- » certified heroal manufacturing network, design depth 93 mm
- » modular system design – one system for EI 30, EI 60 and EI 90
- » no inserts of interior and exterior facings for EI 30
- » basic classification EI 30
- » only some add-ons necessary to meet EI 60 and EI 90 requirements
- » uniform gap size of 7 mm for DIN EN 179 / DIN EN 1125 for general elimination of constraint forces
- » certified outside use of door and glazing
- » continuous heroal threshold systems including zero barrier with retractable sealant
- » use of tried and tested drainage system heroal DS

## System dimensions

### Profile design depth

design depth 93 mm

### Profile face width

frame 70 – 154 mm

sash 68 – 98 mm

glazing bars 94 – 104 mm

### Max. thickness of glass /panel

glass/panel thickness 15 - 64 mm

### System characteristics

max. sash height 3,000 mm

max. sash width 1,450 mm (1-flg.)

2,850 mm (2-flg.)

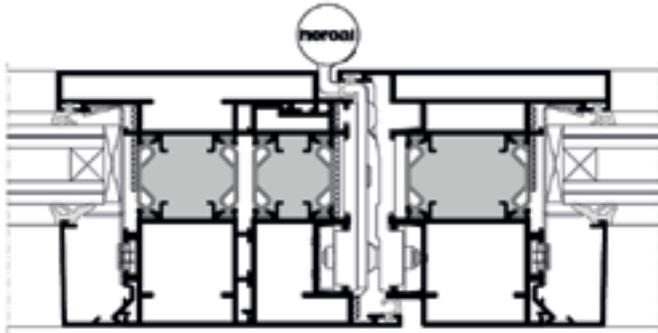
max. sash weight 260 kg

## Ratings

 EI <sub>2</sub> 30 Fire resistance	 C5 Durability	 S <sub>200</sub> Smoke protection	 3 Air permeability	 2A Driving rain tightness	 C3/B3 Wind load resistance	 5 Operating forces	 2 d/e Differential climate
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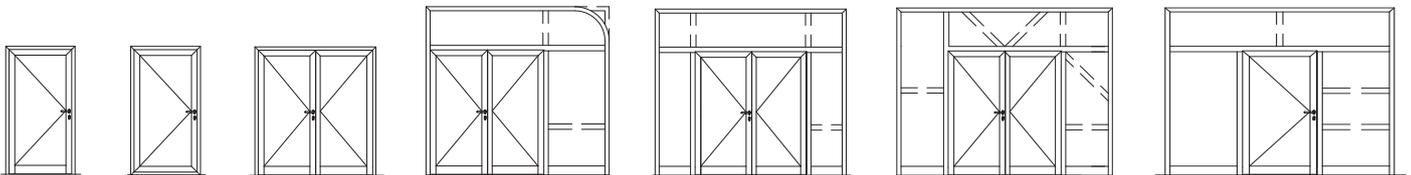
# heroyal FireXtech D 93 FP

Barrier-free system solutions



### System characteristics

- » EI 30 generally without inserts in T- and F-components, resulting in reduced weight
- » wide range with flush views:
  - exterior view frame from 70 mm
  - exterior view sash from 68 mm
- » 1-sash clear passage: 1,450 x 3,000 mm
- » 2-sash clear passage: 2,850 x 3,000 mm
- » no mechanical treatment of latch and bolt
- » clampable frame and sash protections
- » clampable swing side and semi-facing protections
- » identical range of locks and fittings as for fire and smoke protection system heroyal D 82 FP
- » fixing of fittings either clampable or screwable
- » clampable barrel hinge systems, 3D-adjustable
  - » aluminium & stainless steel design
  - » same standard for fixing
  - » change of barrel hinge components possible
- » all known opening modes and construction types:

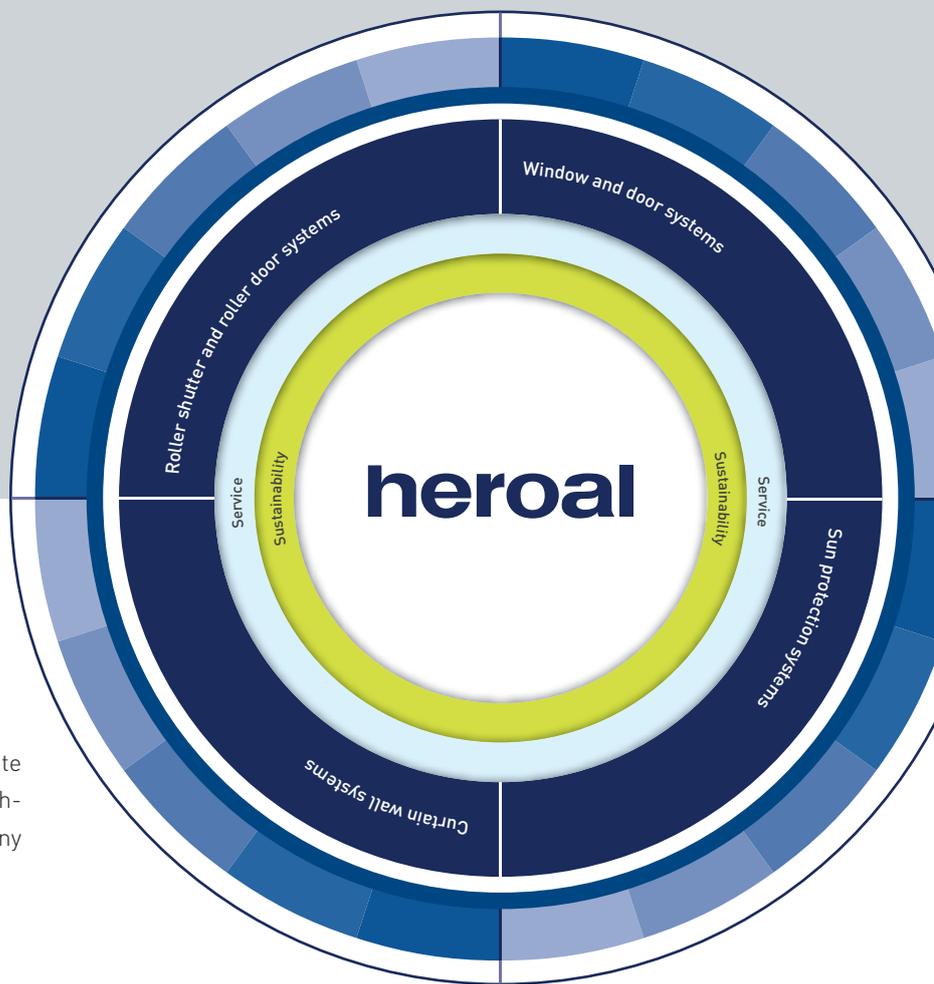


# heroal – the aluminium systems supplier

As one of the leading aluminium systems suppliers, heroal develops and produces perfectly coordinated systems for windows, doors, façades, roller shutters, roller doors and sun protection, complemented by louvre and sliding shutters, insect protection and terrace roofs and carports. By minimising energy consumption during production, maximising energy conservation during usage and ensuring optimum profitability during system processing and building improvement, heroal system solutions make a significant contribution to sustainable construction.

## Innovation, service, design, sustainability

The heroal brand represents system solutions that unite practical innovations, industry-leading service and high-quality design that can be sustainably integrated into any architecture.



Roller shutters | Sun protection | Roller doors | Windows | Doors | Curtain walls | Service

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