



## heroal FireXtech

Fire protection glass EI 30



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In residential and commercial construction, modern architecture nowadays is characterised above all by large glass surfaces of the building shell. Since this trend implies a high proportion of glass surfaces, the fire protection requirements on the glass to be used are increasing.

heroal offers an all-inclusive solution with its fire protection glass ANTIFIRE® 22 - EI 30, which, in combination with the fire protection door system heroal D 82 FP, has been certified and approved. Both fire protection glass and profile system can be ordered directly from heroal, without the need of any additional elements.

The system meets all relevant technical requirements for approval according to EN 14449: 2005 (Glass in building - laminated glass and laminated safety glass).

The fire protection glass ANTIFIRE® 22 - EI 30 features a high soundproofing performance of 42 dB and a high trans-lucence of 85 %, reducing the use of artificial sources of light. In combination with the fire protection door system heroal D 82 FP, maximum sizes of 1,500 x 2,500 mm are available.

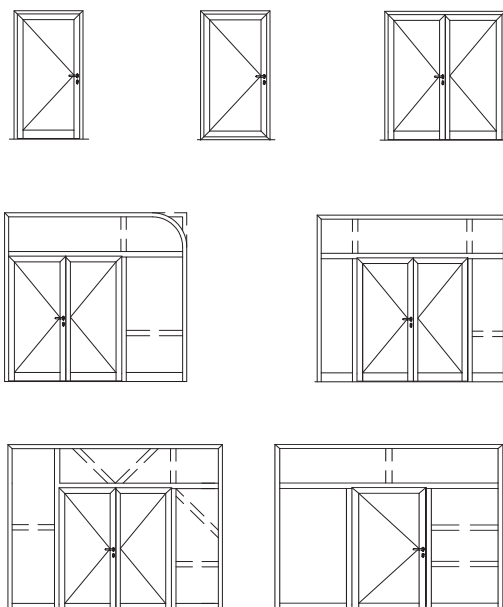
Article no.: ANTIFIRE® 22 - EI 30: 86900  
 Approvals: Z-6.20-1920 / 7-19.14-1507  
 Documentation: 88895 PEWA  
 88915 approval door  
 88908 approval glazing

## System features

Fire protection glass	
Fire resistance (min.) (EN 1363, EN 1364, EN 13501-2)	EI 30
Reaction to fire (EN 13501-1)	E
Translucence $T_L$ (%) (EN 410)	85 %
Light reflectance inside $R_{Li}$ (%) (EN 410)	9 %
Light reflectance outside $R_{La}$ (%) (EN 410)	9 %
Colour rendering index $R_a$ (%) (EN 410)	98 %
$U_g$ -value (W/m <sup>2</sup> K)	4.5 W/m <sup>2</sup> K
Resistance against impact test (EN 12600)	1(B)1
Noise insulation $R_{W[C; C_{tr}]}$ (EN 12758)	42 [-2; -4] dB
Temperature range (C°)	-20 °C bis 45 °C
Nominal thickness (mm)	22 mm
Thickness tolerance (mm)	+ 0.9 mm
Gel thickness (mm)	12 mm
Max. size (mm)	1,500 x 2,500 mm
Weight (kg/m <sup>2</sup> )	39 kg/m <sup>2</sup>

## Types of opening

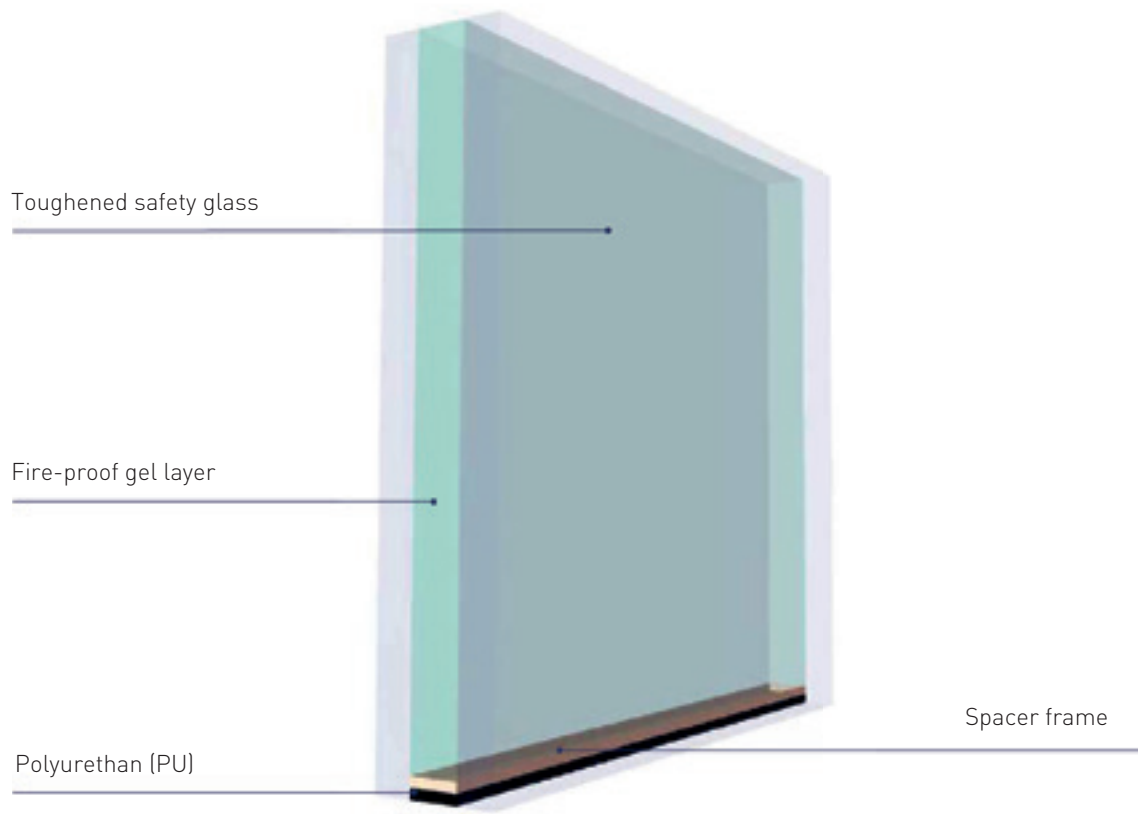
All standard types of opening and structural shapes are feasible.





The fire protection glass ANTIFIRE® 22 - EI 30 is a product made of fire protection-certified safety glass. The fire and heat barrier is generated via an internal gel layer that is

placed between two panes of toughened safety glass (ESG) and expands during a fire.

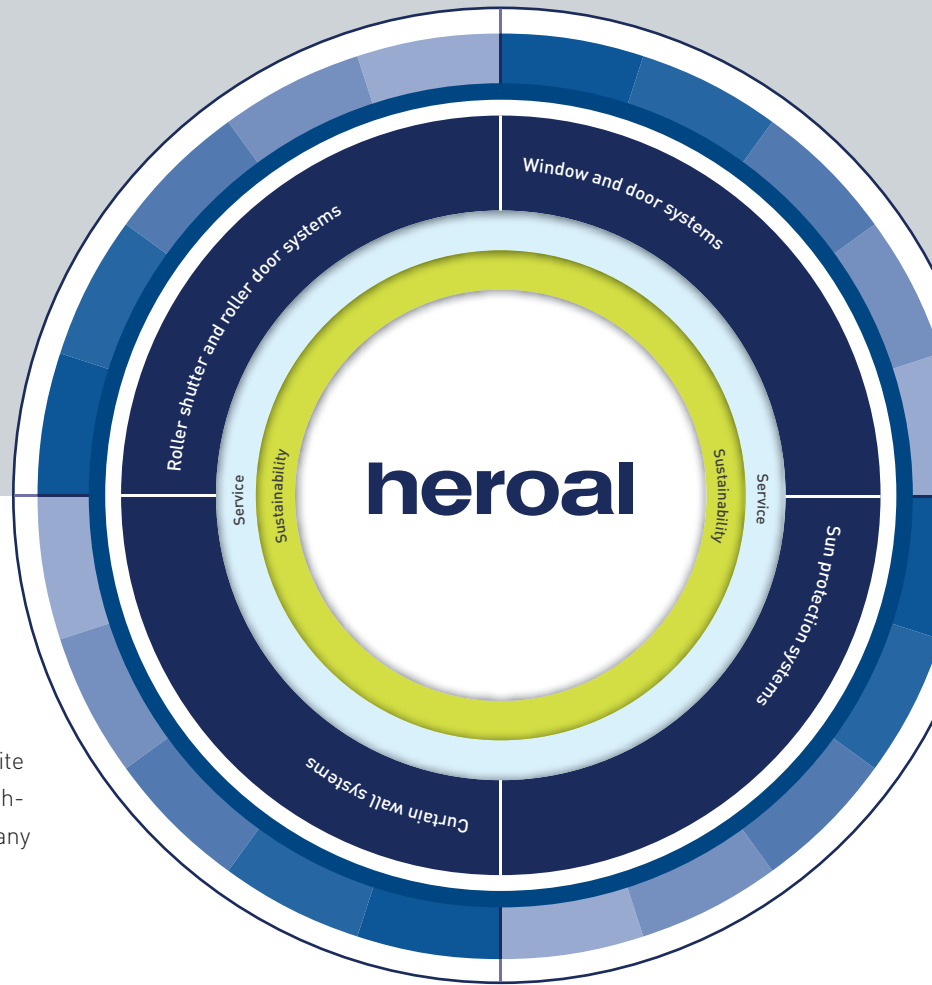


# heroal – the aluminium systems supplier

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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