

For great transparency and best values in terms of sound insulation

heroal Fire protection glass EI 30



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heroal FireXtech

Fire protection glass EI 30

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 translucence 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



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

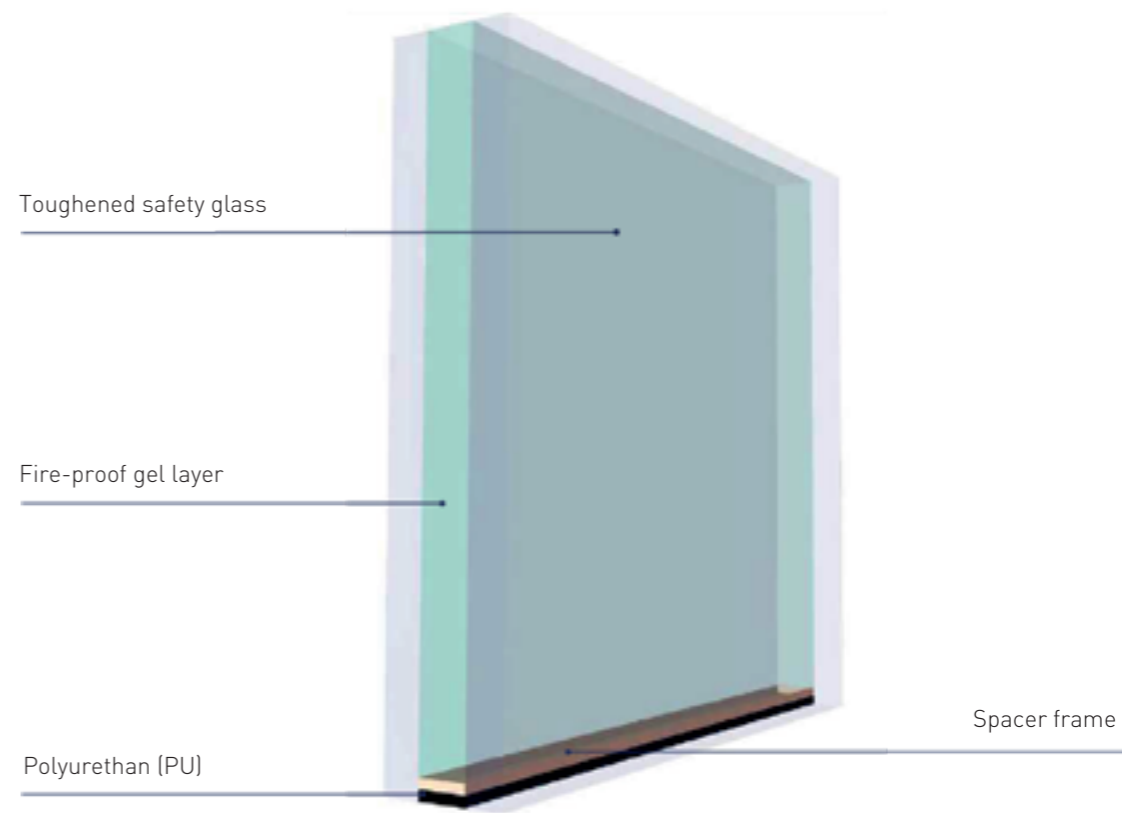
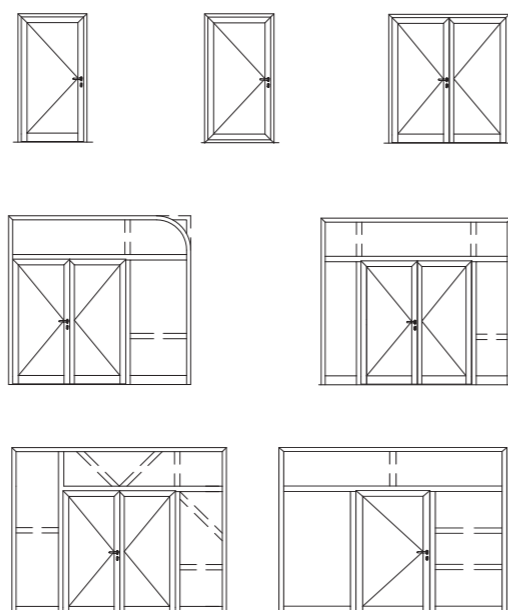
placed between two panes of toughened safety glass (ESG) and expands during a fire.

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 ² K)	4.5 W/m ² 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 ²)	39 kg/m ²

Types of opening

All standard types of opening and structural shapes are feasible.



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As a manufacturer of aluminium system solutions for roller shutters, sun protection, roller doors, windows, doors, sliding doors, curtain walls and patio roofs, heroal is an international market leader, supporting high-quality residential and commercial construction projects worldwide. heroal products are developed and manufactured in Germany and set themselves apart with their premium quality and exceptional performance features. As a result, the innovative system solutions contribute to greater sustainability, security, comfort and architectural freedom for both current and future building projects and impress with simple and efficient planning and fabrication by heroal specialist partners.

Roller shutters | Sun protection | Roller doors | Windows | Doors | Sliding doors | Curtain walls | Patio roofs

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