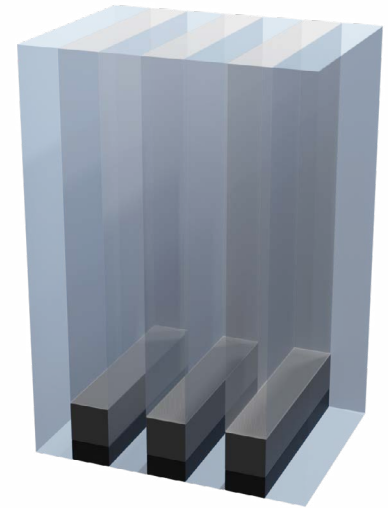


# Glassprof EI90 FIRE-RESISTANT GLASS



**Glassprof EI90** glass, which is 35 mm thick, is designed for use in the construction industry. It is made with four panes of 5-mm-thick, clear, tempered glass to ensure user safety and reduce the risk of breakage during transport, installation and usage. The panes are separated by three layers of special, fire-resistant gel.

## TECHNICAL DATA

	GLASSPROF EI90
<b>FIRE RESISTANCE (EN 13501-2)</b>	<b>EI 90</b>
Thickness	35 mm
Composition	5/5/5/5/5/5/5
Weight	72.5 kg/m <sup>2</sup>
Temperature range for transport, storage and use	-10 / +45°C
Visible light transmission Lt (EN 410)	82 %
Solar factor g (EN410)	66 %
U <sub>g</sub> value (EN 673)	4,0 W/m <sup>2</sup> K
Sound reduction R <sub>w</sub> (C; Ctr) (EN ISO 10140-2, EN 717-1)	45 (-2; -3) dB
Radiation resistance (EN 12543-4)	2000 h
Humidity resistance (EN 12543-4)	2 weeks / 100% relative humidity
Pendulum impact class (EN 12600)	1B1
Hazardous substances	none



Fire proof



Tempered glass



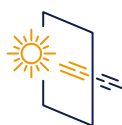
Lightweight



Reduces noise



Impact resistant



Transmits light



Large dimensions

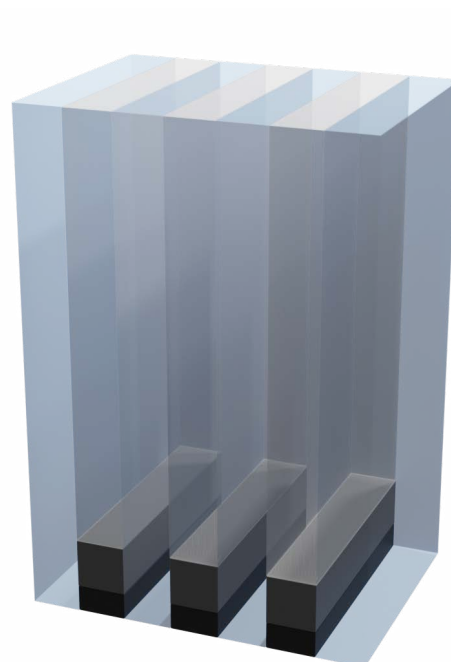


High temperature range

# Glassprof EI90 FIRE-RESISTANT GLASS

**GLASSPROF** glass is designed for use in building elements such as windows, doors, partitions, façades and similar. The manufacturing technology ensures that it reduces the risk of eventual damage.

The fire rating is determined by the quantity of tempered glass and layers of gel. The gel used in Glassprof panes is resistant to radiation. As a result, it crystallises in the event of fire, forming a layer that provides fire insulation and safety.



## SAFETY GLASS

## GLASSPROF

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