

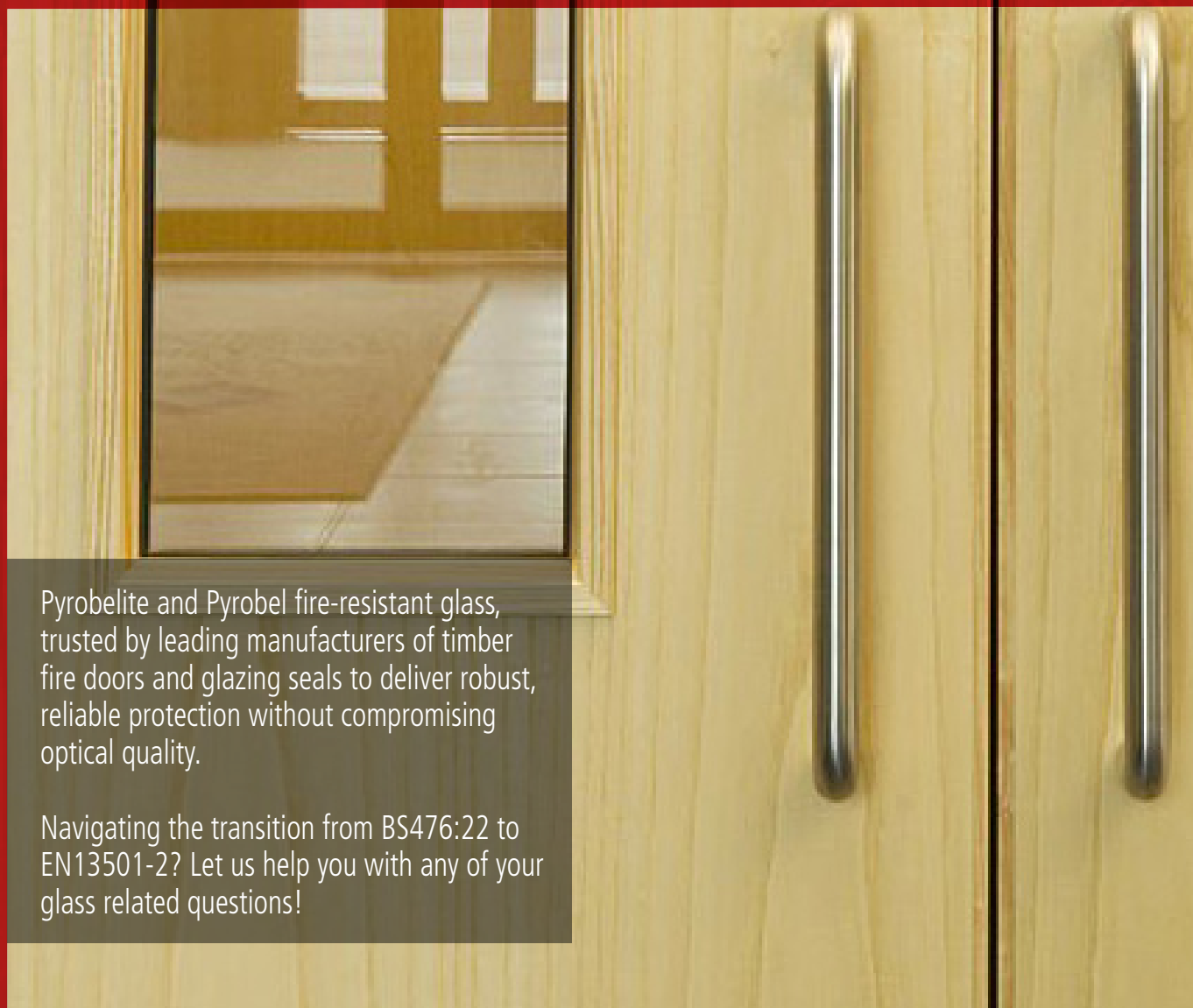


PYROBEL

Fire-resistant glass
FOCUSING ON YOUR SAFETY



AGC



Pyrobelite and Pyrobel fire-resistant glass, trusted by leading manufacturers of timber fire doors and glazing seals to deliver robust, reliable protection without compromising optical quality.

Navigating the transition from BS476:22 to EN13501-2? Let us help you with any of your glass related questions!

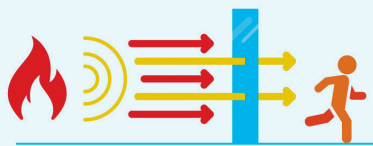
PYROBELITE 7

EW30

Fire-resistant glass focusing
on your safety

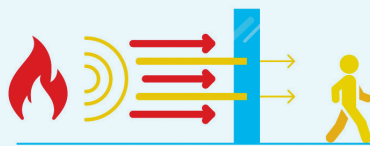


Pyrobelite 7 is a laminated glass assembled with sheets of glass and fire-resistant clear intumescent interlayer(s). In the event of fire, the interlayers transform into rigid and opaque fire shields, that keep out flames and limit the heat transfer through the glazing. The glass delivers fire protection in both directions according to the standard EN 13501-2.



E - Integrity

No flames, smoke, gas.
No heat reduction.



EW - Integrity and Radiation Limitation

No flames, smoke, gas.
Limited heat transfer, restricted
to no more than 15kW/m².



EI - Integrity and Insulation

No flames, smoke, gas.
No heat transfer.

Technical data

Specification / Identification	Pyrobelite 7	Pyrobelite 7 IGU
Glazing type	Single	Double (or triple) Glazing Unit
Grade	Internal	External with UV filter
Glass thickness	7,9 mm	Consult the Glass Configurator: www.agc-yourglass.com/ configurator
Thickness tolerances	± 0,9 mm	
Dimensions tolerances	± 2 mm	
Weight	ca 17 kg/m²	
Minimum dimensions	No minimum	
Light transmission / Light reflection (%)	88 / 8	
U value (EN 673)	5,6 W/(m².K)	
Impact resistance (EN 12600)	3B3	
Burglar resistance (EN 356)*	NPD**	
Sound reduction (EN 12758) Rw (C; Ctr)	34 (0; -3) dB	
Exposure temperatures	-40°C / +50°C	

* The burglar resistance can be increased from P2A to P8B by assembling in IGU Pyrobel with Stratobel & Stratobel Security.

** No performance declared, see Glass configurator.

Fire certification

Check out the product selector for availabilities of fire certification on www.agc-pyrobel.com/selector. The installation must be done in compliance with the fire test report. Pyrobel(ite) is extensively tested & approved under different standards: EN, BS, UL, ASTM, NFPA, ...

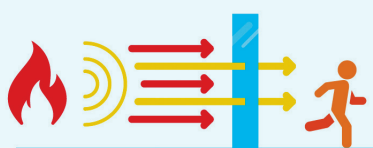
PYROBELITE 12

Fire-resistant glass focusing
on your safety



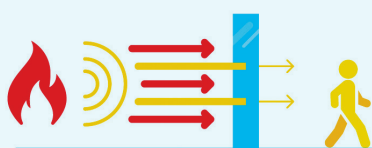
EI20/
EW30/
EW60

Pyrobelite 12 is a laminated glass assembled with sheets of glass and fire-resistant clear intumescent inter-layer(s). In the event of fire, the interlayers transform into rigid and opaque fire shields, that keep out flames and limit the heat transfer through the glazing. The glass delivers fire protection in both directions according to the standard EN 13501-2.



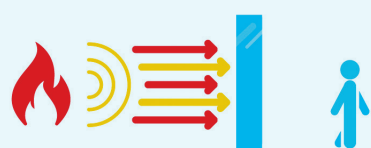
E - Integrity

No flames, smoke, gas.
No heat reduction.



EW - Integrity and Radiation Limitation

No flames, smoke, gas.
Limited heat transfer, restricted
to no more than 15kW/m².



EI - Integrity and Insulation

No flames, smoke, gas.
No heat transfer.

Technical data

Specification / Identification	Pyrobelite 12	Pyrobelite 12 EG	Pyrobelite 12 IGU
Glazing type	Single	Single	Double (or triple) Glazing Unit
Grade	Internal	Internal, 1 side UV filter	External with UV filter
Glass thickness	12,3 mm	16,1 mm	Consult the Glass Configurator: www.agc-yourglass.com/ configurator
Thickness tolerances	± 1 mm	± 1 mm	
Dimensions tolerances	± 2 mm	± 2 mm	
Weight	ca 27 kg/m ²	ca 35 kg/m ²	
Minimum dimensions	No minimum	No minimum	
Light transmission / Light reflection (%)	87 / 8	86 / 8	
CV* Light transmission / Light reflection (%)	90 / 8	90 / 8	
U value (EN 673)	5,5 W/(m ² .K)	5,4 W/(m ² .K)	
Impact resistance (EN 12600)	2B2	1B1	
Burglar resistance (EN 356)**	NPD***	P2A	
Sound reduction (EN 12758) Rw (C; Ctr)	36 (-1; -3) dB	38 (-1; -3) dB	
Exposure temperatures	-40°C / +50°C		

* Clearvision (CV) optional, low iron extra clear glass by AGC.

** The burglar resistance can be increased from P2A to P8B by laminating or assembling in IGU Pyrobel with Stratobel & Stratobel Security.

*** No performance declared, see Glass configurator.

Fire certification

Check out the product selector for availabilities of fire certification on www.agc-pyrobel.com/selector. The installation must be done in compliance with the fire test report. Pyrobel(ite) is extensively tested & approved under different standards: EN, BS, UL, ASTM, NFPA, ...

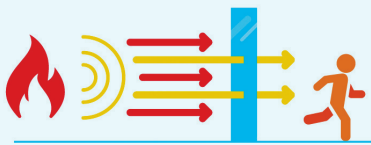
PYROBEL 16

EI30 / EW60

Fire-resistant glass focusing
on your safety

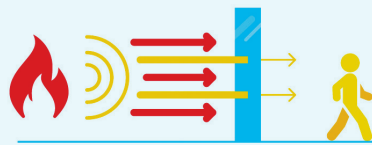


Pyrobel 16 is a laminated glass assembled with sheets of glass and fire-resistant clear intumescent interlayers. In the event of fire, the interlayers transform into rigid and opaque fire shields, that keep out flames, limit the heat transfer through the glazing and reduce strongly the temperature on the protected surface of the Pyrobel glass. The glass delivers fire protection in both directions according to the standard EN 13501-2.



E - Integrity

No flames, smoke, gas.
No heat reduction.



EW - Integrity and Radiation Limitation

No flames, smoke, gas.
Limited heat transfer, restricted
to no more than 15kW/m².



EI - Integrity and Insulation

No flames, smoke, gas.
No heat transfer.

Technical data

Specification / Identification	Pyrobel 16	Pyrobel 16 EG	Pyrobel 16 IGU
Glazing type	Single	Single	Double (or triple) Glazing Unit
Grade	Internal	Internal, 1 side UV filter	External with UV filter
Glass thickness	17,3 mm	21,1 mm	Consult the Glass Configurator: www.agc-yourglass.com/ configurator
Thickness tolerances	± 1 mm	± 1,5 mm	
Dimensional tolerances	± 2 mm	± 2 mm	
Weight	ca 40 kg/m²	ca 48 kg/m²	
Minimum dimensions	No minimum	No minimum	
Light transmission / Light reflection (%)	85 / 8	84 / 8	
CV* Light transmission / Light reflection (%)	89 / 8	89 / 8	
U value (EN 673)	5,3 W/(m².K)	5,3 W/(m².K)	
Impact resistance (EN 12600)	2B2	1B1	
Burglar resistance (EN 356)**	P1A	P2A	
Sound reduction (EN 12758) Rw (C; Ctr)	40 (-1; -3) dB	41 (-1; -3) dB	
Exposure temperatures	-40°C / +50°C		

* Clearvision (CV) optional, low iron extra clear glass by AGC.

** The burglar resistance can be increased from P1A to P8B by laminating or assembling in IGU Pyrobel with Stratobel & Stratobel Security Burglary.

Fire certification

Check out the product selector for availabilities of fire certification on www.agc-pyrobel.com/selector. The installation must be done in compliance with the fire test report. Pyrobel(ite) is extensively tested & approved under different standards: EN, BS, UL, ASTM, NFPA,...



PYROBEL 25

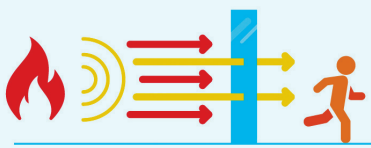
Fire-resistant glass focusing
on your safety



EI60

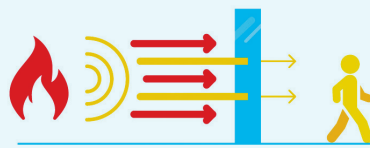


Pyrobel 25 is a laminated glass assembled with sheets of glass and fire-resistant clear intumescent interlayers. In the event of fire, the interlayers transform into rigid and opaque fire shields, that keep out flames, limit the heat transfer through the glazing and reduce strongly the temperature on the protected surface of the Pyrobel glass. The glass delivers fire protection in both directions according to the standard EN 13501-2.



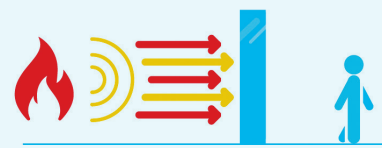
E - Integrity

No flames, smoke, gas.
No heat reduction.



EW - Integrity and Radiation Limitation

No flames, smoke, gas.
Limited heat transfer, restricted
to no more than 15kW/m².



EI - Integrity and Insulation

No flames, smoke, gas.
No heat transfer.

Technical data

Specification / Identification	Pyrobel 25	Pyrobel 25 EG	Pyrobel 25 IGU
Glazing type	Single	Single	Double (or triple) Glazing Unit
Grade	Internal	Internal, 1 side UV filter	External with UV filter
Glass thickness	26,6 mm	30,4 mm	Consult the Glass Configurator: www.agc-yourglass.com/ configurator
Thickness tolerances	± 2 mm	± 2 mm	
Dimensions tolerances	± 2 mm	± 2 mm	
Weight	ca 60 kg/m²	ca 68 kg/m²	
Minimum dimensions	No minimum	No minimum	
Light transmission / Light reflection (%)	82 / 7	82 / 7	
CV* Light transmission / Light reflection (%)	88 / 8	87 / 8	
U value (EN 673)	5,1 W/(m².K)	5,0 W/(m².K)	
Impact resistance (EN 12600)	1B1	1B1	
Burglar resistance (EN 356)**	P1A	P2A	
Sound reduction (EN 12758) Rw (C; Ctr)	43 (0; -3) dB	43 (-1 ;-4) dB	
Exposure temperatures	-40°C / +50°C		

* Clearvision (CV) optional, low iron extra clear glass by AGC.

** The burglar resistance can be increased from P2A to P8B by laminating or assembling in IGU Pyrobel with Stratobel & Stratobel Security Burglary.

Fire certification

Check out the product selector for availabilities of fire certification on www.agc-pyrobel.com/selector. The installation must be done in compliance with the fire test report. Pyrobel(ite) is extensively tested & approved under different standards: EN, BS, UL, ASTM, NFPA,...



Availability

- SGU** Single glazing unit for internal application
- IGU** Insulated glazing unit for outdoor applications (double or triple glazing)
- EG** External grade version Pyrobel EG is single glazed Pyrobel with a 0,76 mm pvb interlayer and extra glass pane that acts as an UV filter
- VL** Vision Line which is an all-glass butt-joint glazing system without mullions. Multiple fire-resistant panes of glass are interconnected by means of a 4-5 mm silicone joint. Separate technical data sheets are available for this range of products
- SPS** Special products and combinations such as bulletproof and burglar resistant glass

Applications



The Pyrobel product range has been tested in a large variety of aluminium, steel, wood & butt-joint systems.

Why choose Pyrobel(ite)?



THE SHORTEST DELIVERY TIMES

Since Pyrobel(ite) **can be cut** by our network of distributors, they can supply you with what you need **quickly and efficiently**.



CRADLE TO CRADLE CERTIFIED

Pyrobel(ite) is **Cradle to Cradle Certified™ Silver**.



PROVIDING SOLUTIONS

We support our customers **with our high-level expertise**.



ACOUSTIC INSULATION

Pyrobel(ite) has excellent **acoustic insulation properties**.



QUALITY

With 40 years of experience, Pyrobel delivers proven long-term quality. Pyrobel(ite) glass has an excellent optical quality supported by a **10-year warranty**.



MADE IN EUROPE



The information and data contained in this document are subject to change without notice.
Questions? Contact our sales team! www.agc-pyrobel.com/contact



PYROBEL MAKES LIVING AND WORKING ENVIRONMENTS SAFER WITH THE WIDEST RANGE OF FIRE-RESISTANT GLASS ON THE MARKET

We supply reliable and sustainable fire-resistant glazing solutions renowned for their outstanding quality.

We support our customers with technical expertise, flexible service and short lead times.



AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS

Based in Louvain-la-Neuve (Belgium), AGC Glass Europe produces, processes and markets flat glass for the construction industry (external glazing and interior decoration), car manufacture and other industrial sectors (transport, solar power and high-tech). It is the European branch of AGC, a world leader in flat glass. It has over 100 sites throughout Europe. More information on www.agc-yourglass.com.

www.agc-pyrobelt.com
www.agc-yourglass.com

UNITED KINGDOM

AGC Glass UK
sales.uk@agc.com

OTHER COUNTRIES

AGC Glass Europe
T +32 2 409 30 00
sales.headquarters@agc.com

AGC Glass Europe has representatives worldwide.
See www.agc-yourglass.com for further addresses.