

PYROBEL 16

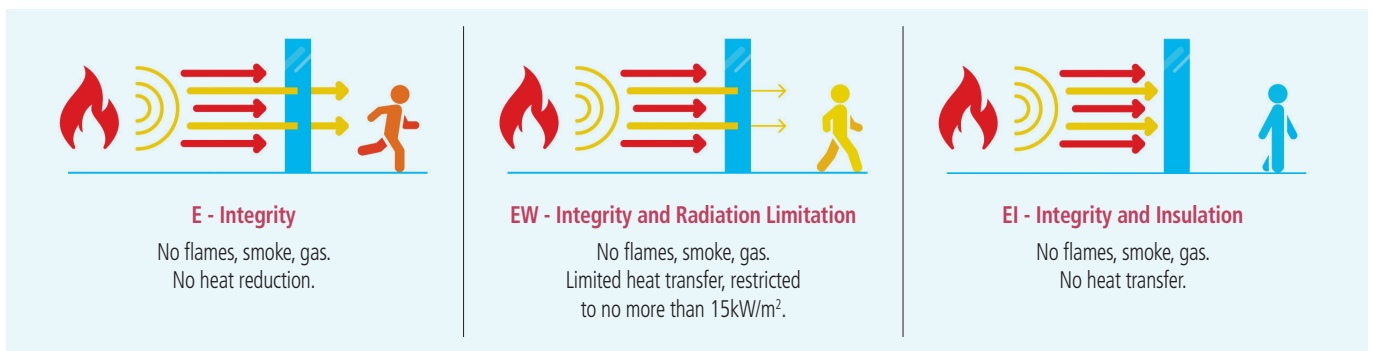
EI30 / EW60



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.



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/m ²	ca 48 kg/m ²	
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/(m ² .K)	5,3 W/(m ² .K)	
Impact resistance (EN 12600)	2B2	1B1	
Burglar resistance (EN 356)**	NPD***	P2A	
Sound reduction (EN 12758) Rw (C; Ctr)	39 (-1; -3) dB	39 (-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 Burglary.

*** 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,...



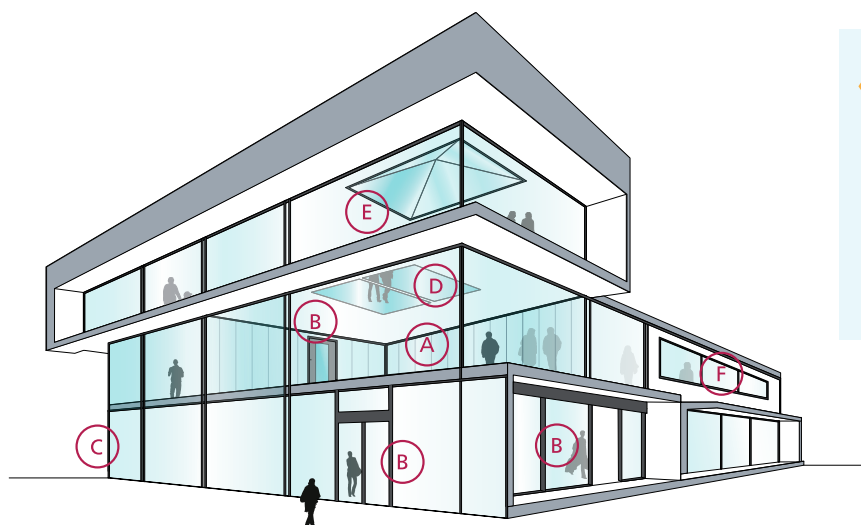
Your Dreams, Our Challenge

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:





- A Fire-resistant all-glass partitions
- B Fire-resistant glazed doors
- C Fire-resistant curtain walls - facades
- D Fire-resistant floor glazing
- E Fire-resistant roof glazing
- F Fire resistant windows

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**.



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



CRADLE TO CRADLE CERTIFIED
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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**.



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PYROBEL 25

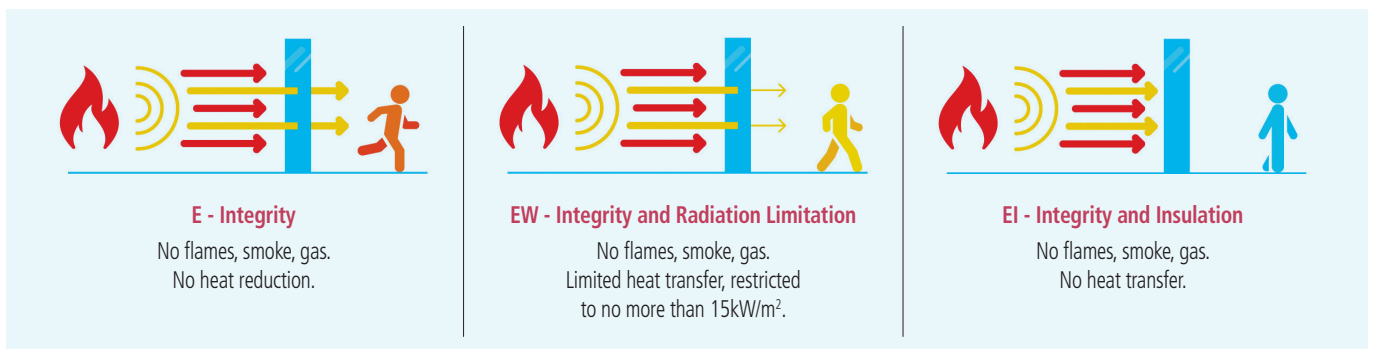
EI60



Fire-resistant glass focusing on your safety



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.



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/m ²	ca 68 kg/m ²	
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/(m ² .K)	5,0 W/(m ² .K)	
Impact resistance (EN 12600)	1B1	1B1	
Burglar resistance (EN 356)**	P1A	P2A	
Sound reduction (EN 12758) Rw (C; Ctr)	40 (-1; -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.

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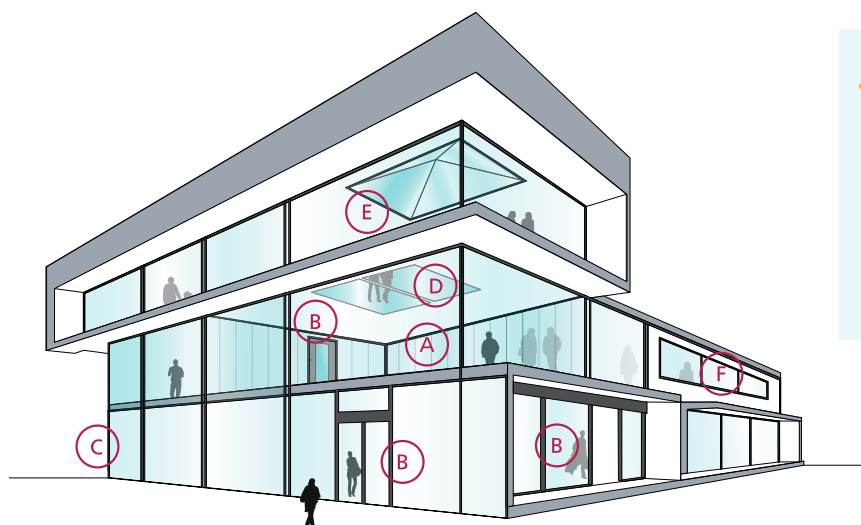
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Availability

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- 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
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PYROBEL 30

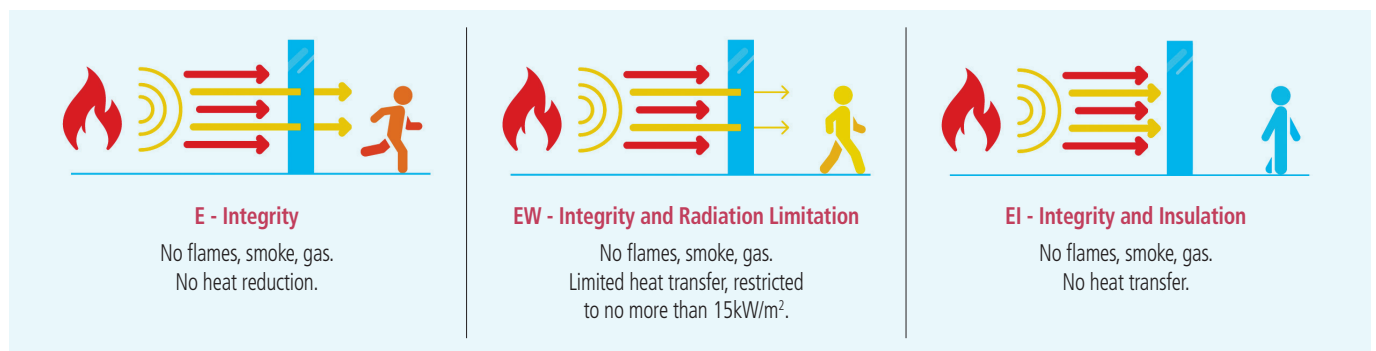
EI90



Fire-resistant glass focusing on your safety



Pyrobel 30 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.



Technical data

Specification / Identification	Pyrobel 30	Pyrobel 30 EG	Pyrobel 30 IGU
Glazing type	Single	Single	Double (or triple) Glazing Unit
Grade	Internal	Internal, 1 side UV filter	External with UV filter
Glass thickness	30 mm	33,7 mm	Consult the Glass Configurator: www.agc-yourglass.com/configurator
Thickness tolerances	± 2,5 mm	± 2,8 mm	
Dimensions tolerances	± 2 mm	± 2 mm	
Weight	ca 69 kg/m ²	ca 77 kg/m ²	
Minimum dimensions	No minimum	No minimum	
Light transmission / Light reflection (%)	81 / 7	80 / 7	
CV* Light transmission / Light reflection (%)	86 / 8	86 / 8	
U value (EN 673)	5,0 W/(m ² .K)	4,8 W/(m ² .K)	
Impact resistance (EN 12600)	1B1	1B1	
Burglar resistance (EN 356)**	P1A	P2A	
Sound reduction (EN 12758) Rw (C; Ctr)	42 (-1; -4) 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

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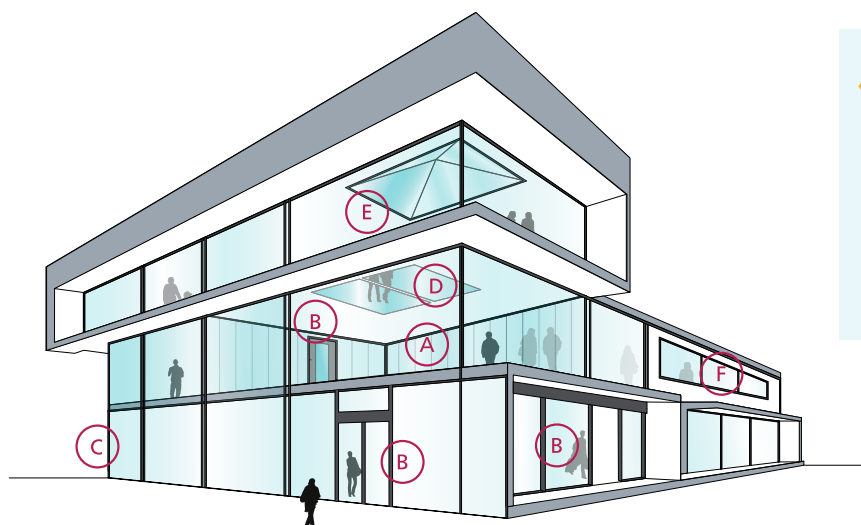
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Availability

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- 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:





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- B Fire-resistant glazed doors
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- D Fire-resistant floor glazing
- E Fire-resistant roof glazing
- F Fire resistant windows

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PYROBEL 30 EG2

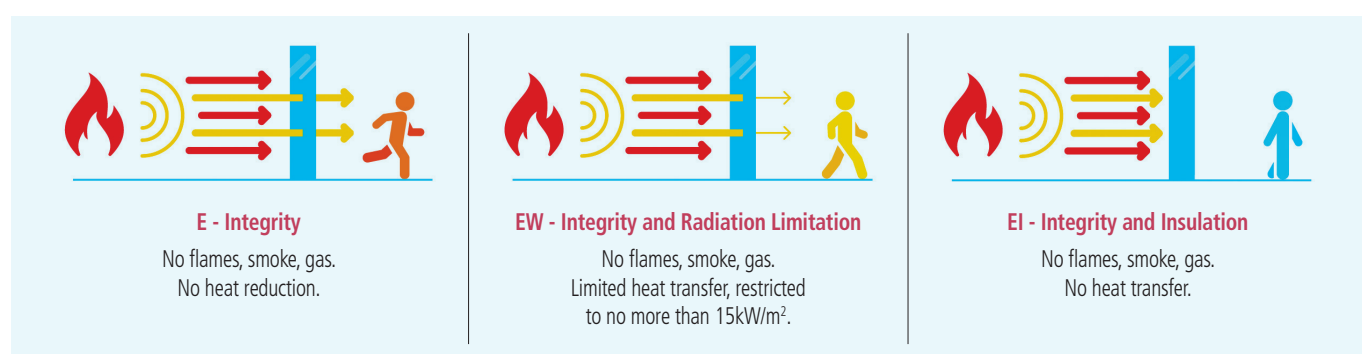
EI90

AGC

Fire-resistant glass focusing on your safety



Pyrobel 30 EG2 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.



Technical data

Specification / Identification	Pyrobel 30 EG2
Glazing type	Single
Grade	internal, 2 sides UV filter
Glass thickness	37,5 mm
Thickness tolerances	± 3 mm
Dimensions tolerances	± 2 mm
Weight	ca 85 kg/m ²
Minimum dimensions	No minimum
Light transmission / Light reflection (%)	80 / 7
CV* Light transmission / Light reflection (%)	86 / 8
U value (EN 673)	4,8 W/(m ² .K)
Impact resistance (EN 12600)	1B1
Burglar resistance (EN 356)**	P2A
Sound reduction (EN 12758) Rw (C; Ctr)	44 (-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

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 **PYROBEL**

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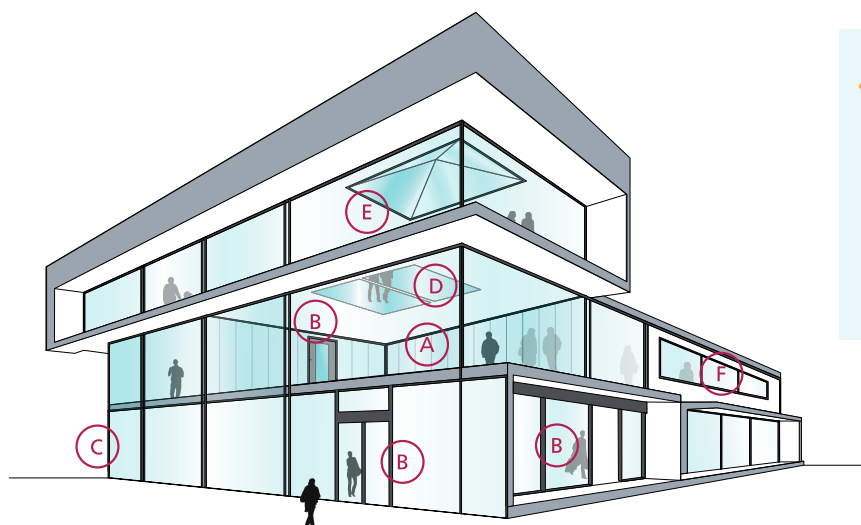
Availability

- 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:



- A Fire-resistant all-glass partitions
- B Fire-resistant glazed doors
- C Fire-resistant curtain walls - facades
- D Fire-resistant floor glazing
- E Fire-resistant roof glazing
- F Fire resistant windows

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QUALITY

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PYROBEL 54

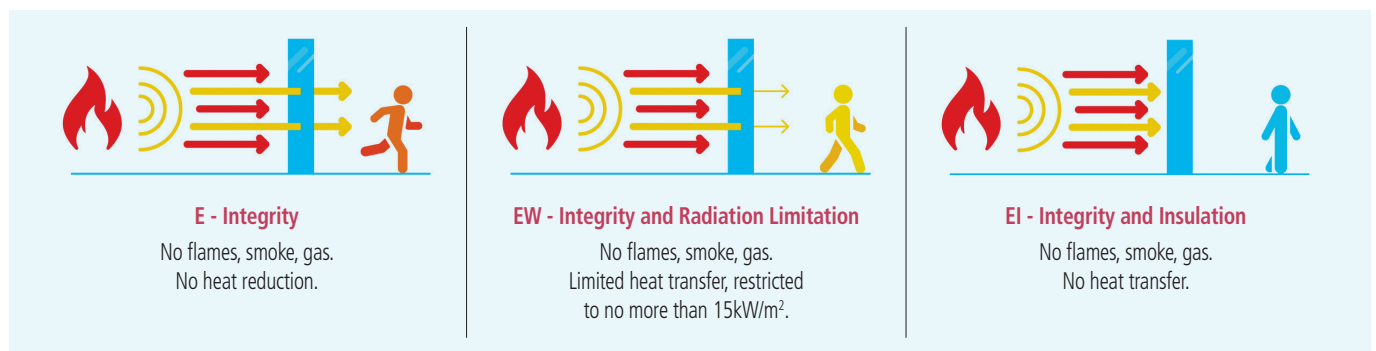
EI120



Fire-resistant glass focusing on your safety



Pyrobel 54 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.



Technical data

Specification / Identification	Pyrobel 54	Pyrobel 54 EG	Pyrobel 54 IGU
Glazing type	Single	Single	Double (or triple) Glazing Unit
Grade	Internal	Internal, 1 side UV filter	External with UV filter
Glass thickness	54 mm	57,8 mm	Consult the Glass Configurator: www.agc-yourglass.com/configurator
Thickness tolerances	± 3 mm	± 3 mm	
Dimensions tolerances	± 2 mm	± 2 mm	
Weight	ca 124 kg/m ²	ca 132 kg/m ²	
Minimum dimensions	No minimum	No minimum	
Light transmission / Light reflection (%)	75 / 7	74 / 7	
CV* Light transmission / Light reflection (%)	83 / 7	83 / 7	
U value (EN 673)	4,4 W/(m ² .K)	4,4 W/(m ² .K)	
Impact resistance (EN 12600)	1B1	1B1	
Burglar resistance (EN 356)**	P2A	P2A	
Sound reduction (EN 12758) Rw (C; Ctr)	49 (-1; -4) dB	49 (0; -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 Burglary.

Fire certification

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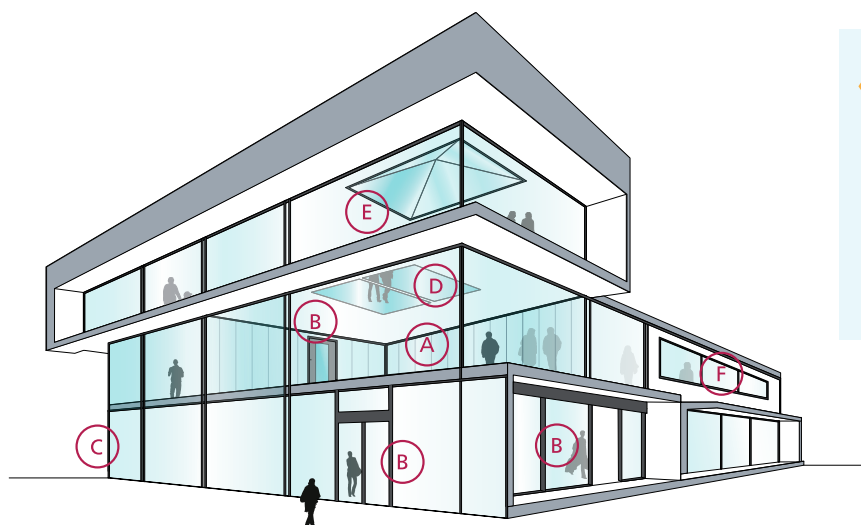
Your Dreams, Our Challenge

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:





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- E Fire-resistant roof glazing
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PYROBEL 81

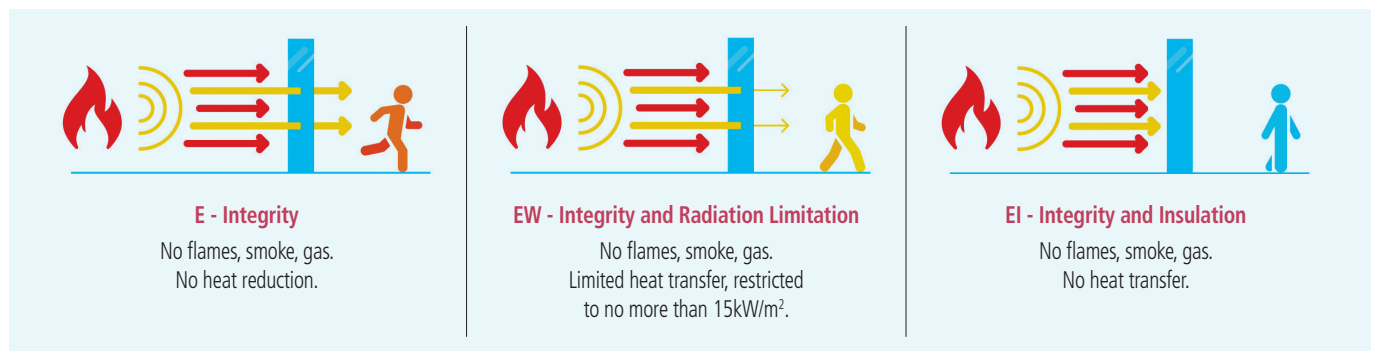
EI 180



Fire-resistant glass focusing on your safety



Pyrobel 81 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.



Technical data

Specification / Identification	Pyrobel 81	Pyrobel 81 EG
Glazing type	Single	Single
Grade	Internal	Internal, 1 side UV filter
Glass thickness	81 mm	85 mm
Thickness tolerances	± 3 mm	± 3 mm
Dimensions tolerances	± 2 mm	± 2 mm
Weight	ca 187 kg/m ²	ca 195 kg/m ²
Minimum dimensions	No minimum	No minimum
Light transmission / Light reflection (%)	68 / 6	68 / 6
U value (EN 673)	4,0 (W/m ² .K)	3,9 (W/m ² .K)
Impact resistance (EN 12600)	1B1	1B1
Sound reduction (EN 12758) Rw (C; Ctr)	NPD*	NPD*
Exposure temperatures	-40°C / +50°C	

* No performance declared, see Glass configurator.

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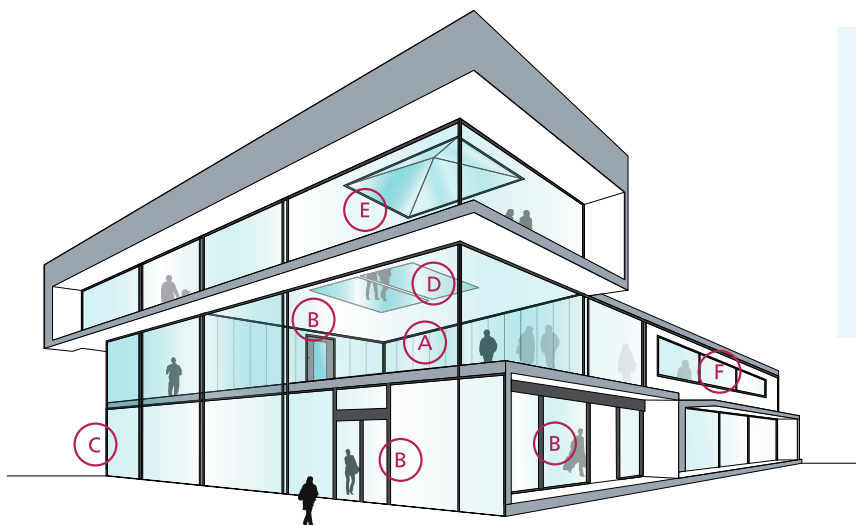
Your Dreams, Our Challenge

Availability

- SGU** Single glazing unit for internal application
- IGU** Insulated glazing unit for outdoor applications (double or triple glazing)
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- 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
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