



## Pilkington **Pyrostop**® Line Flush design meets panoramic view

Pilkington **Pyrostop**® Line is the monolithic version for butt jointed vertical glazing for internal application with integrity and insulation fire resistance performance.

The flush glazing is installed in the opening of a wall by means of a circumferential framing profile. Pilkington **Pyrostop**® Line units are glazed one next to the other with the butt jointed filled with special tape and being sealed with an approved silicone, forming a partition with an all-glass view without vertical frames between the glass units, which can be extended to any width. The slim vertical butt jointed with a nominal width of only 5 mm is unique to Pilkington **Pyrostop**® Line.



The University of Kansas – Earth, Energy & Environment, Lawrence, KS  
Fireframes ClearView™ System for EI 60  
Image courtesy of Technical Glass Products

### Facts and Figures:

- Flush glazing without vertical framing sections between the glass units up to 120 minutes for internal application only
- Monolithic glass composition ( $\geq 18$  mm) ideally suited for open space design with a maximum area of unobstructed panoramic view
- Slim vertical butt joint (3-5 mm)
- All-glass view with uncompromised safety performance
- Tested in large dimensions (w x h: up to 1400 mm x 3000 mm); bigger dimensions on request
- Glazing unrestricted in width
- Polished edges for a high quality finish
- Wide range of colour and design combinations available (decorative foil, opaque interlayer, sand blasting for design or privacy and more)
- For extra clarity, maximum light transmittance and natural colour rendering Pilkington **Pyrostop**® Line comprises Pilkington **Optiwhite**™ depending on glass type
- Approved for use in timber and insulated steel / aluminium frames
- Tested corner solutions for 30 and 60 minutes
- Additional product compositions available to comply with specific static load requirements



The University of Kansas – Earth, Energy & Environment, Lawrence, KS  
Fireframes ClearView™ System for EI 60  
Image courtesy of Technical Glass Products

Front cover:  
Turnstyle Studio, Seattle, WA  
Fireframes ClearView™  
System for EI 60  
Image courtesy of  
Technical Glass Products



## Technical data Pilkington **Pyrostop**® Line

Type	Fire resistant class	Supply form	Thickness [mm]	Thickness tolerance [mm]	Total weight [kg/m²]	Light transmittance T <sub>L</sub> [%]	R <sub>w</sub> [dB]	U <sub>g</sub> -value [W/m²K]	Suitable for additional load requirements <sup>2)</sup>
30-600	EI 30	monolithic	18	± 1	42	87	38	5.0	
30-604 OW <sup>1)</sup>	EI 30		22	± 1.5	51	87	40	4.8	
30-605	EI 30		≥ 28	± 2	≥ 67	≤ 85	≥ 41	≤ 4.6	X
60-603 OW <sup>1)</sup>	EI 60		27	± 2	60	86	41	4.7	
60-604 OW <sup>1)</sup>	EI 60		≥ 36	± 2	≥ 85	≤ 85	≥ 44	≤ 4.3	X
90-600 OW <sup>1)</sup>	EI 90		37	± 2	84	84	44	4.2	
120-60 OW <sup>1)</sup>	EI 120		47	± 3	107	81	46	3.8	

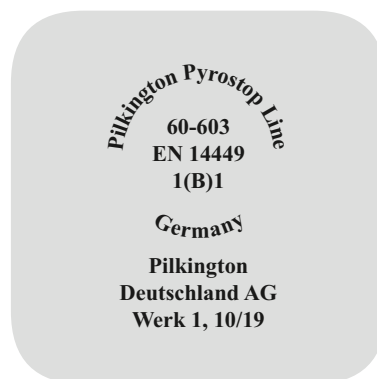
<sup>1)</sup> OW = Pilkington **Optiwhite**™

<sup>2)</sup> national and project specific statical load requirements to be considered  
Further technical information is available on request.

Turnstyle Studio, Seattle, WA  
Fireframes ClearView™ System for EI60  
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Please always refer to the essential product documentations for glazing, handling and visual quality (available on request)



### Permanent Product Mark

Fire-resistant glass from Pilkington Deutschland AG is marked at least with the name of the manufacturer, name of product, product code and year of production.

This publication provides only a general description of the products. Further, more detailed, information may be obtained from your local supplier of Pilkington products. It is the responsibility of the user to ensure that the use of these products is appropriate for any particular application and that such use complies with all relevant legislation, standards, codes of practice and other requirements. To the fullest extent permitted by applicable laws, Nippon Sheet Glass Co. Ltd. and its subsidiary companies disclaim all liability for any error in or omission from this publication and for all consequences of relying on it. Pilkington is a trademark owned by Nippon Sheet Glass Co. Ltd, or a subsidiary thereof.



CE marking confirms that a product complies with its relevant harmonised European Norm.

The CE marking label for each product, including declared values, can be found at [www.pilkington.com/CE](http://www.pilkington.com/CE)



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