

Bild: © STEINBAUER Performance



Pilkington **Pyrostop**[®] Line Triple
Pilkington **Pyrostop**[®] Line



Pilkington **Pyrostop**® Line Triple Flush design meets structural integrity



Flush glass design with Pilkington **Pyrostop**® Line Triple, Headquarter of STEINBAUER.
© STEINBAUER Performance

Pilkington **Pyrostop**® Line Triple has been designed for use in glazed partitions for internal applications with integrity and insulation performance without the need for additional vertical frames, is a sustainable and long-lasting design solution for architects, project engineers, processors and developers. Pilkington **Pyrostop**® Line Triple, comprising Pilkington **Pyrostop**® and two toughened glass panes either side combined into an Insulating Glass Unit, has a nominal thickness of ≥ 39 mm.

The flush glazing is installed in the opening of a wall by means of a circumferential framing profile using ceramic tape and a special silicone, forming a partition with an all-glass view.

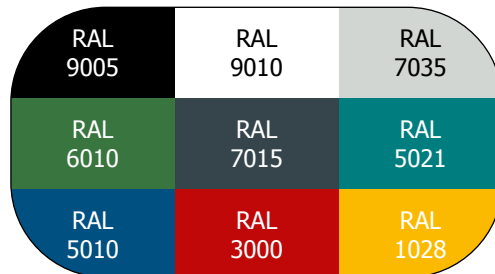
A wide choice of colours is available to match Pilkington **Pyrostop**® Line Triple with interior design or, where desired, accentuate a colour scheme. The sophisticated glazing system offers a variety of options for extensively glazed internal partitions.

Facts and Figures:

- Flush glazing without vertical framing sections between the glass units up to EI 60 for internal application only.
- Insulating glass unit with black coloured spacer bar provides adequate structural strength for additional loads
- Slim vertical butt-joint with coloured edge print (approx. 18 mm)
- All glass view with uncompromised safety performance compared to fully framed fire-resistant glazing
- Tested in large dimensions (w x h: 600 mm – 1400 mm x 3000 mm)
- Glazing unrestricted in width
- Heat-soaked toughened glass available on request
- Wide range of colour and design combinations available as an option (decorative foil, opaque interlayer, sand blasting for design or privacy and more)
- For extra clarity, maximum light transmittance and natural colour rendering the outer panes are supplied in Pilkington **Optiwhite**™
- Suitable for use in timber and insulated steel / aluminium frames

Available standard colours of the vertical edge print – RAL 9005, RAL 9010 and RAL 7035.

Further RAL options are available on request.



Type	Fire resistance class	Supply Form*	Nominal Thickness [mm]	Thickness tolerance [mm]	Nominal weight [kg/m ²]	T _L [%]	R _w [dB]	U _g [W/m ² K]
Pilkington Pyrostop ® Line Triple								
30-602	EI 30		≥ 39	± 2	≥ 65	≤ 74	≥ 36	$\leq 2,2$
60-60	EI 60		≥ 47	± 2	≥ 83	≤ 73	≥ 37	$\leq 2,1$

Technical data are valid for a composition with minimum 6 mm thick toughened glass and are subject to application and production specific tolerances.

In relation to the dimensions, static requirements and location inside the building, the use of the flush glazing as non-load-bearing partition may require thicker toughened glass being used.

The coloured edge strips may show slight variations in colour due to the position of the printed surfaces (pos. 2 and 5 of the TGU composition).

Further technical information is available on request.

* Triple Glass Unit

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-joints filled with ceramic tape and being sealed with a special 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-joint with a nominal width of only 5 mm is unique to Pilkington **Pyrostop**[®] Line.





Pilkington **Pyrostop**[®] Line:
Internal application in a steel frame.

Facts and Figures:

- Flush glazing without vertical framing sections between the glass units up to 60 minutes for internal application only
- Monolithic glass composition ideally suited for open space design with a maximum area of unobstructed panoramic view
- Slim vertical butt-joint (≥ 5 mm)
- All-glass view with uncompromised safety performance
- Tested in large dimensions (w x h: 800 mm – 1400 mm x 3000 mm)
- Glazing unrestricted in width
- 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**[™]
- Suitable for use in timber and insulated steel / aluminium frames



Glass is butt-jointed by means of applying suitable and approved silicone sealant in combination with ceramic fibre tape.

Type	Fire resistance class	Supply Form*	Nominal Thickness [mm]	Thickness tolerance [mm]	Nominal weight [kg/m ²]	T _L [%]	R _w [dB]	U _g [W/m ² K]
Pilkington Pyrostop [®] Line								
30-604	EI 30		22	± 1,5	51	87	40	4,8
60-603	EI 60		27	± 2	60	86	41	4,7

Further technical information is available on request.

 Monolithic Glass

This publication provides only a general description of the product. 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, code 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.



www.pilkington.com/CE



Pilkington Deutschland AG
Haydnstraße 19 45884 Gelsenkirchen
Telephone: +49 (0)209 1680 Fax: +49 (0)209 1682056
fireprotection@nsg.com
www.pilkington.com/fireprotection