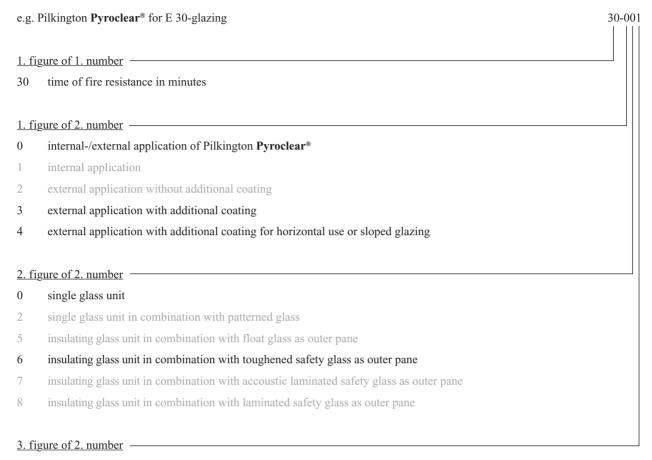


Pilkington **Pyroclear**®

Technical Data

1.0 General details

Explanation of the Product code



0,1... used to identify different versions with different compositions in the same fire resistance class

Only the highlighted figures are currently relevant for Pilkington Pyroclear®.

2.0 Pilkington Pyroclear®

2.1 Pilkington Pyroclear® for requirements of fire resistance class E 30

Туре	Fire resistant class	Supply form 1)	Additional specification	Thickness approx. mm	Thickness tolerance approx. mm	T _L Light- trans- mittance approx. %	Total weight approx. kg/m ²	Dimensional tolerance approx. mm	R _W -Sound reduction ²⁾ approx. dB	U _g -value approx. W/m²K		
Pilkington Pyroclear® – internal application for E 30-class												
30-001			Standard	6	± 0.2	88	15	± 2.5 ≤ 200 cm	32	5.7		
30-002	E 30	SGU	Standard	8	± 0.3	88	20	± 3.0 > 200 cm ≤ 300 cm	33	5.7		
30-003			Standard	10	± 0.3	87	25	± 4.0 ≥ 300 cm	34	5.6		
Pilking	Pilkington Pyroclear® – external application for E 30-class											
30-361	E 30	DGU	with toughened outer pane coating on Pos. 2	20 [Spacer 8] 24 [Spacer 12] 28 [Spacer 16]	± 1.5	depending on coating techn. data see 2.2	30	± 2.5 ≤ 200 cm ± 3.0 > 200 cm	≥ 32	depending on coating techn. data see 2.2		
Pilkin	Pilkington Pyroclear® – external application for E 30-class (roof glazing)											
30-402	E 30	DGU	with Pilkington Optitherm™ S3	29 [Spacer 12]	± 1.5	76	41	± 2.5 ≤ 200 cm ± 3.0 > 200 cm	37	1.3 3)		

Max. dimensions have to be verified. Please consult our Technical Advisory Service Team. Min. dimension is 200 mm x 350 mm.

2.2 Pilkington Pyroclear® 30-361 with coating – technical data

Coating on Pos. 2 with			U _g -value ⁴⁾ approx. W/m²K								
	T _L Light transmittance	g-value	Spacer 8 mm		Spacer 12 mm		Spacer 16 mm				
	approx. %	approx. %	Argon	Krypton	Argon	Krypton	Argon	Krypton			
LowE	≥ 69	≥ 51	1.7	1.2	1.3	1.1	1.2	1.1			
Pilkington											
Suncool™ 66/33	65	37	1.6	1.2	1.2	1.0	1.1	1.1			
Suncool [™] 50/25	49	29	1.6	1.2	1.2	1.0	1.1	1.1			
Suncool [™] Blue 50/27	50	30	1.6	1.2	1.2	1.0	1.1	1.1			
Suncool™ 40/22	39	25	1.6	1.2	1.2	1.0	1.1	1.1			
Suncool™ 30/17	30	21	1.6	1.2	1.2	1.0	1.1	1.1			
Suncool [™] Silver 50/30	49	32	1.6	1.2	1.2	1.0	1.1	1.1			
Suncool™ 70/40	70	43	1.7	1.2	1.3	1.1	1.1	1.1			
Suncool™ 70/35	69	34	1.6	1.2	1.2	1.0	1.1	1.1			

⁴⁾ Stated values applicable for 90 % gas-filled DGU installed vertically.

¹⁾ SGU = Single Glazed Unit; DGU = Double Glazed Unit

Sound insulation tests have been performed acc. to CE-marking requirements in our in-house laboratory in compliance with DIN EN ISO 140-3.
 Sound reduction values for DGU compositions are stated for air-filled cavity.
 Stated values applicable for 90 % Argon-filled DGU installed vertically.

This publication provides only a general description of the product. Further, more detailed information may be obtained from your local Pilkington Building Products supplier. It is the responsibility of the user to ensure that the use of this product 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, the companies of NSG Group disclaim all liability for any error in or omission from this publication and for all consequences of relying on it.

Pilkington is a trade mark of NSG Group.



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.



Pilkington Deutschland AG

Haydnstraße 19 45884 Gelsenkirchen Telephone: +49 (0) 209 1 68 0 Fax: +49 (0) 209 1 68 20 56 E-Mail: fireprotection@nsg.com