

Fire-resistant-glazing product description					
Glass type	Pane structure	Glass thickness (Tolerance in mm)	Approx. weight in kg/m <sup>2</sup>	Approx. Rw-value in dB	Ug-value (DIN) W/m <sup>2</sup> K
<b>F30: Pilkington Pyrostop without thermal insulation (internal application)</b>					
30-10	Standard	15 mm +/- 1	35	38	5.2
30-12	Patterned glass outer pane	16 mm +/- 1	38	38	5.2
30-20	Standard	18 mm +/- 1	42	38	5
30-20 (23)	Pyrostop 30-20 with layer laminate	18 mm +/- 1	42	38	–
30-17	Standard 30-10, igu with acoustic laminate outer pane	32 mm (spacer 8) 36 mm (spacer 12) +/- 2			3.0 (spacer 8) 2.8 (spacer 12)
30-18	Standard 30-10, igu with multiple layer outer pane	32/33 mm (spacer 8) 36/37 mm (spacer 12) +/- 2	57	39	3.0 (spacer 8) 2.8 (spacer 12)
<b>F30: Pilkington Pyrostop with thermal insulation (external application)</b>					
30-25	External without coating, façade igu with float outer pane	32 mm (spacer 8) 36 mm (spacer 12) +/- 2	58	39 (spacer 8) 40 (spacer 12)	3.0 (spacer 8) 2.8 (spacer 12)
30-26	External without coating, façade igu with toughened outer pane	32 mm (spacer 8) 36 mm (spacer 12) +/- 2	58	39 (spacer 8) 40 (spacer 12)	3.0 (spacer 8) 2.8 (spacer 12)
30-27	External without coating, igu with acoustic laminate outer pane	35 mm (spacer 8) 39 mm (spacer 12) +/- 2	65	44 (spacer 8) 45 (spacer 12)	3.0 (spacer 8) 2.8 (spacer 12)
30-35	External with coated glass as outer pane, façade igu with float outer pane	32 mm (spacer 8) 36 mm (spacer 12) +/- 2	58	39 (spacer 8) 40 (spacer 12)	1.7 (spacer 8) 1.3 (spacer 12)
30-36	External with coated glass as outer pane, façade igu with toughened outer pane	32 mm (spacer 8) 36 mm (spacer 12) +/- 2	58	39 (spacer 8) 40 (spacer 12)	1.7 (spacer 8) 1.3 (spacer 12)
<b>G30: Pilkington Pyroduer without thermal insulation (internal application)</b>					
G30-10*	Standard	7 mm +/- 1	17	33	
G30-12*	Patterned glass outer pane	8 mm +/- 1	20	33	
G30-201	Standard	10 mm +/- 1	24	36	
<b>G30: Pilkington Pyroduer with thermal insulation (external application)</b>					
G 30-25	External without coating, façade igu with float outer pane	28 mm (spacer 8) 32 mm (spacer 12) +/- 2	48	38 (spacer 8) 39 (spacer 12)	3.0 (spacer 8) 2.8 (spacer 12)
G 30-26	External without coating, façade igu with toughened outer pane	28 mm (spacer 8) 32 mm (spacer 12) +/- 2	48	38 (spacer 8) 39 (spacer 12)	3.0 (spacer 8) 2.8 (spacer 12)
G 30-27	External without coating, igu with acoustic laminate outer pane	31 mm (spacer 8) 35 mm (spacer 12) +/- 2	55	43 (spacer 8) 45 (spacer 12)	3.0 (spacer 8) 2.8 (spacer 12)
G 30-28	External without coating, igu with multiple layer outer pane	31/32 mm (spacer 8) 35/36 mm (spacer 12) +/- 2	53	39	3.0 (spacer 8) 2.8 (spacer 12)
G 30-35	External with coated glass as outer pane, façade igu with float outer pane	28 mm (spacer 8) 32 mm (spacer 12) +/- 2	48	38 (spacer 8) 39 (spacer 12)	1.7 (spacer 8) 1.3 (spacer 12)
G 30-36	External with coated glass as outer pane, façade igu with toughened outer pane	28 mm (spacer 8) 32 mm (spacer 12) +/- 2	48	38 (spacer 8) 38 (spacer 12)	1.7 (spacer 8) 1.3 (spacer 12)
<b>F30: Promaglas with or without thermal insulation (internal or external application)</b>					
Typ 1-0	Monolithic internal, protected from UV	17 mm +/- 1	40	40	5.2
Typ 3-0	Double glazed, internal/external, spacers 9/12/16	35 mm +/- 2	64	42	2.9
Typ 5-0	Monolithic, internal, external if no thermal insulation is required, safety rating P2A (EN 356)	17 mm +/- 1	38	40	5
Typ 6-0	Double glazed, internal/external, spacers 9/12/16	32 mm +/- 2	53	42	2.9
Typ 10-0	Monolithic, internal, external if no thermal insulation is required, safety rating P4A (EN 356)	21 mm +/- 1,5	46	40	5
<b>F90: Promaglas F90/37 with or without thermal insulation (internal or external application)</b>					
Typ 1-0	Monolithic internal, protected from UV	37 mm +/- 2	83	44	4.9
Typ 3-0	Internal / external, double glazed	55 mm +/- 3	106	46	2.8
Typ 3-4	Double glazed, with low-E	56 mm +/- 3	111		1.8

\* Not contained in the Hueck/Hartmann approvals