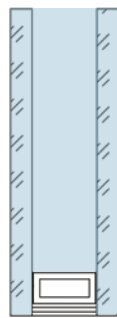





ACOUSTIC INSULATION

POLFLAM FIRE-RESISTANT GLASS

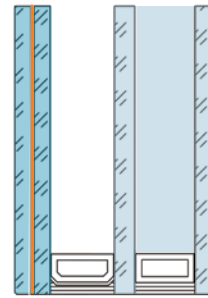


POLFLAM
 R_w 41-48 dB

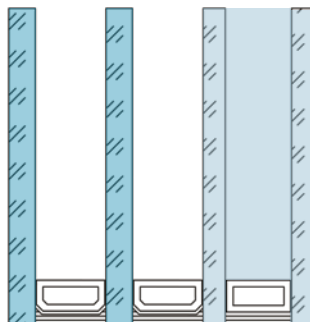
-  POLFLAM monolithic fire-resistant glass
-  Annealed glass (Float glass)
-  Laminated safety glass



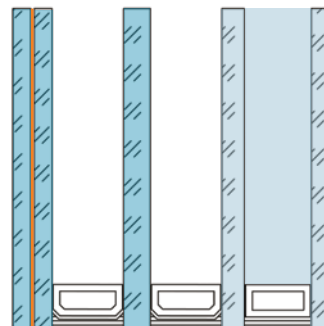
POLFLAM DGU
 R_w 41-48 dB



POLFLAM DGU
 R_w 42-50 dB



POLFLAM TGU
 R_w 42-50 dB



POLFLAM TGU
 R_w 46-52 dB

	POLFLAM	Fire resistance	Glass composition	Sound reduction index $R_w (C; C_{tr})$ dB	Test report no.	Test laboratory
1	SGU	EI 15 / EW 30	POLFLAM EI 15 / EW 30 (16 mm)	41 (-2; -3)	022.W.20.N	Ł-ICiMB/OSiMB Kraków
2	DGU	EW 30	POLFLAM EW 30 (16 mm)/8+AR/6 ESG	43 (-2; -4)	127a.W.22.AK	Ł-ICiMB/OSiMB Kraków
3	DGU	EW 30	POLFLAM EW 30 (16 mm)/16+AR/6 ESG	44 (-2; -6)	127a.W.22.AK	Ł-ICiMB/OSiMB Kraków
4	DGU	EW 30	POLFLAM EW 30 (16 mm)/16+AR/44.2	45 (-2; -7)	127a.W.22.AK	Ł-ICiMB/OSiMB Kraków
5	DGU	EW 30	POLFLAM EW 30 (16 mm)/12+AR/44.6	46 (-2; -5)	127a.W.22.AK	Ł-ICiMB/OSiMB Kraków
6	SGU	EI 30	POLFLAM EI 30 (20 mm)	42 (-2; -3)	GLA-1497.5/20	GRYFITLAB
7	DGU	EI 30	POLFLAM EI 30 (20 mm)/16+AR/4 ESG	41 (-2; -6)	GLA-1508.6/20	GRYFITLAB
8	DGU	EI 30	POLFLAM EI 30 (20 mm)/16+AR/6 ESG	44 (-2; -7)	GLA-1508.4/20	GRYFITLAB
9	DGU	EI 30	POLFLAM EI 30 (20 mm)/16+AR/8 ESG	44 (-3; -7)	GLA-1330.18/17	GRYFITLAB
10	DGU	EI 30	POLFLAM EI 30 (20 mm)/16+AR/33.1	42 (-2; -7)	GLA-1330.13/17	GRYFITLAB
11	DGU	EI 30	POLFLAM EI 30 (20 mm)/16+AR/44.2	46 (-2; -7)	GLA-1508.2/20	GRYFITLAB
12	DGU	EI 30	POLFLAM EI 30 (20 mm)/16+AR/55.2	49 (-3; -8)	GLA-1330.11/17	GRYFITLAB
13	TGU	EI 30	POLFLAM EI 30 (20 mm)/16+AR/4 ESG/16+AR/4 ESG	42 (-2; -8)	GLA-1330.2/17	GRYFITLAB
14	TGU	EI 30	POLFLAM EI 30 (20 mm)/16+AR/6 ESG/16+AR/6 ESG	46 (-2; -7)	GLA-1330.17/17	GRYFITLAB
15	TGU	EI 30	POLFLAM EI 30 (20 mm)/16+AR/6 ESG/16+AR/8 ESG	47 (-2; -6)	GLA-1330.27/17	GRYFITLAB
16	TGU	EI 30	POLFLAM EI 30 (20 mm)/16+AR/4 ESG/16+AR/33.1	47 (-2; -8)	GLA-1330.8/17	GRYFITLAB
17	TGU	EI 30	POLFLAM EI 30 (20 mm)/6+AR/6 ESG/8+AR/44.2 SR	46 (-3; -8)	GLA-1249/16	GRYFITLAB
18	TGU	EI 30	POLFLAM EI 30 (20 mm)/16+AR/6 ESG/16+AR/44.2	49 (-2; -7)	GLA-1330.12/17	GRYFITLAB
19	TGU	EI 30	POLFLAM EI 30 (20 mm)/16+AR/4 ESG/16+AR/44.2 SR	49 (-2; -7)	GLA-1330.29/17	GRYFITLAB
20	TGU	EI 30	POLFLAM EI 30 (20 mm)/16+AR/6 ESG/16+AR/55.2	51 (-1; -5)	GLA-1330.10/17	GRYFITLAB
21	TGU	EI 30	POLFLAM EI 30 (20 mm)/16+AR/6 ESG/16+AR/55.2 SR	51 (-1; -5)	GLA-1330.20/17	GRYFITLAB
22	SGU	EI 60	POLFLAM EI 60 (25 mm)	44 (-2; -4)	GLA-1497.4/20	GRYFITLAB
23	SGU	EI 60	POLFLAM EI 60 (28 mm)	45 (-1; -3)	GLA-1403.2/18	GRYFITLAB
24	DGU	EI 60	POLFLAM EI 60 (25 mm)/16+AR/4 ESG	41 (-2; -6)	GLA-1330.4/17	GRYFITLAB
25	DGU	EI 60	POLFLAM EI 60 (25 mm)/16+AR/6 ESG	46 (-3; -8)	GLA-1508.5/20	GRYFITLAB
26	DGU	EI 60	POLFLAM EI 60 (25 mm)/16+AR/8 ESG	46 (-3; -8)	GLA-1508.1/20	GRYFITLAB
27	DGU	EI 60	POLFLAM EI 60 (25 mm)/16+AR/33.1	43 (-2; -7)	GLA-1330.15/17	GRYFITLAB
28	DGU	EI 60	POLFLAM EI 60 (25 mm)/16+AR/44.2	47 (-3; -8)	GLA-1508.3/20	GRYFITLAB
29	DGU	EI 60	POLFLAM EI 60 (25 mm)/16+AR/55.2	49 (-3; -8)	GLA-1330.5/17	GRYFITLAB
30	TGU	EI 60	POLFLAM EI 60 (25 mm)/16+AR/4 ESG/16+AR/4 ESG	45 (-2; -8)	GLA-1330.3/17	GRYFITLAB
31	TGU	EI 60	POLFLAM EI 60 (25 mm)/16+AR/6 ESG/16+AR/6 ESG	47 (-2; -8)	GLA-1508.9/20	GRYFITLAB
32	TGU	EI 60	POLFLAM EI 60 (25 mm)/16+AR/6 ESG/16+AR/8 ESG	48 (-2; -7)	GLA-1330.28/17	GRYFITLAB
33	TGU	EI 60	POLFLAM EI 60 (25 mm)/16+AR/4 ESG/16+AR/33.1	48 (-2; -6)	GLA-1330.9/17	GRYFITLAB
34	TGU	EI 60	POLFLAM EI 60 (25 mm)/16+AR/6 ESG/16+AR/44.2	48 (-2; -7)	GLA-1330.7/17	GRYFITLAB
35	TGU	EI 60	POLFLAM EI 60 (25 mm)/16+AR/4 ESG/16+AR/44.2 SR	49 (-2; -6)	GLA-1330.16/17	GRYFITLAB
36	TGU	EI 60	POLFLAM EI 60 (25 mm)/16+AR/6 ESG/16+AR/55.2	52 (-1; -6)	GLA-1330.19/17	GRYFITLAB
37	TGU	EI 60	POLFLAM EI 60 (25 mm)/16+AR/6 ESG/16+AR/55.2 SR	52 (-1; -5)	GLA-1330.30/17	GRYFITLAB
38	SGU	EI 90	POLFLAM EI 90 (32 mm)	44 (-2; -3)	1394-CPR-93B/2013/T	IKATES
39	DGU	EI 90	POLFLAM EI 90 (32 mm)/12+AR/44.2	48 (-1; -6)	127a.W.22.AK	Ł-ICiMB/OSiMB Kraków
40	DGU	EI 90	POLFLAM EI 90 (32 mm)/12+AR/44.2 SR	50 (-2; -7)	127.W.22.AK	Ł-ICiMB/OSiMB Kraków
41	DGU	EI 90	POLFLAM EI 90 (32 mm)/16+AR/44.2 SR	50 (-2; -7)	127.W.22.AK	Ł-ICiMB/OSiMB Kraków
42	SGU	EI 90	POLFLAM EI 90 (35 mm)	47 (-1; -4)	GLA-1403.1/18	GRYFITLAB
43	DGU	EI 90	POLFLAM EI 90 (35 mm)/16+AR/6 ESG	48 (-2; -7)	127a.W.22.AK	Ł-ICiMB/OSiMB Kraków
44	DGU	EI 90	POLFLAM EI 90 (35 mm)/12+AR/44.2	48 (-2; -7)	127a.W.22.AK	Ł-ICiMB/OSiMB Kraków
45	TGU	EI 90	POLFLAM EI 90 (35 mm)/20+AR/4 ESG/20+AR/4 ESG	50 (-2; -5)	127a.W.22.AK	Ł-ICiMB/OSiMB Kraków
46	TGU	EI 90	POLFLAM EI 90 (35 mm)/8+AR/6 ESG/8+AR/6 ESG	49 (-2; -7)	127a.W.22.AK	Ł-ICiMB/OSiMB Kraków
47	TGU	EI 90	POLFLAM EI 90 (35 mm)/14+AR/6 ESG/14+AR/6 ESG	50 (-2; -7)	127a.W.22.AK	Ł-ICiMB/OSiMB Kraków
48	TGU	EI 90	POLFLAM EI 90 (35 mm)/12+AR/6 ESG/12+AR/44.2	51 (-2; -6)	127a.W.22.AK	Ł-ICiMB/OSiMB Kraków
49	TGU	EI 90	POLFLAM EI 90 (35 mm)/16+AR/4 ESG/16+AR/44.2	51 (-1; -6)	127a.W.22.AK	Ł-ICiMB/OSiMB Kraków
50	SGU	EI 120	POLFLAM EI 120 (35 mm)	47 (-1; -4)	GLA-1403.1/18	GRYFITLAB
51	TGU	EI 120	POLFLAM EI 120 (35 mm)/16+AR/6 ESG/16+AR/6 ESG	49 (-3; -9)	GLA-1508.12/20	GRYFITLAB
52	SGU	EI 120	POLFLAM EI 120 (40 mm)	48 (-1; -4)	GLA-1403.3/18	GRYFITLAB
53	SGU	EI 180	POLFLAM EI 180 (55 mm)	45 (-1; -4)	1394-CPR-64B/2015	IKATES
54	BR	EI 30	POLFLAM BR EI 30 (30 mm)	44 (-2; -3)	GLA-1585.5/22	GRYFITLAB
55	BR	EI 60	POLFLAM BR EI 60 (35 mm)	44 (-2; -3)	GLA-1585.4/22	GRYFITLAB
56	BR	EI 60	POLFLAM BR EI 60 (38 mm)	44 (-1; -3)	GLA-1585.3/22	GRYFITLAB
57	BR	EI 90	POLFLAM BR EI 90 (45 mm)	47 (-2; -3)	GLA-1330.25/17	GRYFITLAB
58	BR	EI 120	POLFLAM BR EI 120 (50 mm)	46 (-1; -3)	GLA-1330.21/17	GRYFITLAB
59	SGU	EI 30	POLFLAM EI 30 (20 mm) 2xMAT	42 (-1; -3)	GLA-1497.3/20	GRYFITLAB

The use of Low-E or solar control coatings or tempered glass doesn't have any effect on the sound reduction index $R_w (C; C_{tr})$.

SGU – Single Glass Unit; DGU – Double Glass Unit; TGU – Triple Glass Unit