GUARDIAN EUROPE S.A.R.L.
19, rue du Puits Romain
L-8070 Bertrange. Luxembourg

LamiGlass® 10mm

EN 14449:2005

Laminated Glass intended to be used in buildings and construction works values as of March 2007

		5.5.1	5.5.2	5.5.3	5.5.4	5.5.6	6.4.1	6.4.2	6.4.4	6.4.6
Resistance to fire		NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire		NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
External fire performance		NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Bullet resistance		NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance		NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance		P1A	P2A	NPD	P4A	P5A	NPD	NPD	NPD	NPD
Pendulum body impact resistance		1(B)1* / 2(B)2	1(B)1	NPD	1(B)1	NPD	NPD	1(B)1	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	K	40	40	40	40	40	40	40	40	40
Wind, snow, permanent and imposed load resistance	mm	10	10	10	10	10	10	10	10	10
Direct airborne sound insulation	dB	34 (-1;-3)	34 (-1;-3)	34 (-1;-3)	34 (-1;-3)	34 (-1;-3)	NPD	NPD	NPD	NPD
Thermal properties										
Thermal transmittance (U-value)	W/(m².K)	5.6	5.6	5.6	5.6	5.5	5.5	5.6	5.5	5.5
Radiation properties										
Light transmission τV		0.87	0.87	0.87	0.87	0.86	0.87	0.87	0.87	0.87
Light reflection ρV		0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Solar energy transmission τE		0.72	0.71	0.70	0.69	0.66	0.72	0.71	0.68	0.67
Solar energy reflection ρE		0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07