

<b>GUARDIAN EUROPE S.A.R.L.</b> 19, rue du Puits Romain L-8070 Bertrange. Luxembourg		<b>LamiGlass® 20mm</b>			
		EN 14449:2005			
		Laminated Glass intended to be used in buildings and construction works values as of March 2007			
		10.10.1	10.10.2	10.10.3	10.10.4
Resistance to fire		NPD	NPD	NPD	NPD
Reaction to fire		NPD	NPD	NPD	NPD
External fire performance		NPD	NPD	NPD	NPD
Bullet resistance		NPD	NPD	NPD	NPD
Explosion resistance		NPD	NPD	NPD	NPD
Burglar resistance		NPD	NPD	NPD	NPD
Pendulum body impact resistance		1(B)1	1(B)1	1(B)1	NPD
Resistance against sudden temperature changes and temperature differentials	K	40	40	40	40
Wind, snow, permanent and imposed load resistance	mm	20	20	20	20
Direct airborne sound insulation	dB	37 (-1;-3)	37 (-1;-3)	37 (-1;-3)	37 (-1;-3)
<b>Thermal properties</b>					
Thermal transmittance (U-value)	W/(m².K)	5.3	5.3	5.3	5.3
<b>Radiation properties</b>					
Light transmission τV		0.84	0.84	0.84	0.84
Light reflection ρV		0.08	0.08	0.08	0.08
Solar energy transmission τE		0.62	0.61	0.60	0.59
Solar energy reflection ρE		0.06	0.06	0.06	0.06