



GUARDIAN EUROPE Sàrl  
 Zone Industrielle Wolser  
 L-3452 Dudelange  
 G-D of Luxembourg

LamiGlass® ExtraClear 08.00 mm

Comment

<b>LamiGlass® ExtraClear 08.00 mm</b>						
EN 14449:2005						
Laminated Glass intended to be used in buildings and construction works values as of March 2007						
4.4.1	4.4.2	4.4.3	4.4.4	4.4.6	4.4.8	
Resistance to fire	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire	NPD	NPD	NPD	NPD	NPD	NPD
External fire performance	NPD	NPD	NPD	NPD	NPD	NPD
Bullet resistance	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance	P1A	P2A	P3A	P4A	P5A	P6B
Pendulum body impact resistance	2(B)2	1(B)1	1(B)1	1(B)1	1(B)1	1(B)1
Resistance against sudden temperature changes and temperature differentials	40	40	40	40	40	40
Wind, snow, permanent and imposed load resistance	8	8	8	8	8	8
Direct airborne sound insulation	33 (-1,-3)	33 (-1,-3)	33 (-1,-3)	33 (-1,-3)	33 (-1,-3)	33 (-1,-3)
<b>Thermal properties</b>						
Thermal transmittance (U-value)	5.6	5.6	5.6	5.6	5.6	5.6
<b>Radiation properties</b>						
Light transmission TV	0.90	0.90	0.90	0.90	0.89	0.89
Light reflection pV	0.08	0.08	0.08	0.08	0.08	0.08
Solar energy transmission τE	0.77	0.76	0.75	0.74	0.73	0.71
Solar energy reflection ρE	0.07	0.07	0.07	0.07	0.07	0.07

NPD = No Performance Determined