

Fa. Schwend-Metallbau

24/11/2010

<b>AGC</b>	CE Marking of Laminated glass – EN 14449 Declaration of performances Stratobel clear (33.x, 44.x)	<b>CE</b>
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We

**AGC Flat Glass Europe**  
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Declare, under his sole responsibility, the following characteristics for the CE Marking of the glass products named STRATOBEL, intended to be used in buildings and construction works, following EN 14449

Stratobel characteristics in :	33.1	33.2	33.4	44.1	44.2	44.4	44.6
1. Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD	NPD	NPD	NPD
2. Reaction to fire (EN 13501-1)	NPD	NPD	NPD	NPD	NPD	NPD	NPD
3. External fire performances	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4. Bullet resistance (EN 1063)	NPD	NPD	NPD	NPD	NPD	NPD	NPD
5. Explosion resistance (EN 13541)	NPD	NPD	NPD	NPD	NPD	NPD	NPD
6. Burglar resistance (EN 356)	NPD	P1A-P2A	P3A-P4A	NPD	P1A-P2A	P3A-P4A	P5A
7. Pendulum body impact resistance (EN 12600)	2B2	1B1	1B1	2B2	1B1	1B1	1B1
8. Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD	NPD	NPD	NPD
9. Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD	NPD	NPD	NPD
10. Direct airborne sound reduction (EN 12758): $R_w$ (C, Ctr)	32 (-1, -3)	33 (-1, -4)	NPD	34 (-1, -2)	35 (-1, -3)	NPD	35 (-1, -3)
11. Thermal properties:							
- U-value (EN 673)	5,7	5,6	5,5	5,6	5,6	5,5	5,3
- Normal emissivity $\epsilon_n$ (EN 12898)	0,89	0,89	0,89	0,89	0,89	0,89	0,89
12. Light transmission/reflection (EN 410): $\tau_v / \rho_v / \rho'_v$	89/8/8	89/8/8	89/8/8	88/8/8	88/8/8	88/8/8	88/8/8
13. Solar energy transmission/reflection (EN 410): $\tau_g / \rho_g / \rho'_g$	76/7/7	74/7/7	72/7/7	73/7/7	72/7/7	70/7/7	69/7/7

↑ P4A

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Brussels  
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M.B. R. Vlaar