

# AGC

CE Marking of Coated glass - EN 1096-4:2004  
 Declaration of performances  
 Planibel Top N+ (annealed)

# CE

We

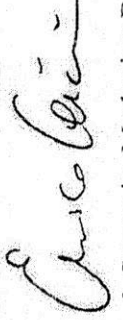
**AGC Glass Europe  
 Building Division**  
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Declare, under his sole responsibility, the following characteristics for the CE Marking of the glass products named **Planibel Top N+**, intended to be used in buildings and construction works, following **EN 1096-4:2004**

NB 0074 0336 0402 0432 0474 0497 0589 0620 0672 0679 0749 0757 0761 0833 1080 1121 1136 1154 1173 1174 1234 1314 1322 1343 1390 1391 1394 1396 1488 1643 1694 1717 1750 1812 2531

	Planibel Top N+ characteristics in:	AVCP Systems	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
1.	Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
2.	Reaction to fire (EN 13501-1)	3, 4	A1	A1	A1	A1	A1	A1
3.	External fire performances	3, 4	NPD	NPD	NPD	NPD	NPD	NPD
4.	Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
5.	Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
6.	Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
7.	Pendulum body impact resistance (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
8.	Resistance against sudden temperature change and temperature differentials	4	NPD	NPD	NPD	NPD	NPD	NPD
9.	Wind, snow, permanent and imposed load resistance	4	NPD	NPD	NPD	NPD	NPD	NPD
10.	Direct airborne sound reduction (EN 12758): $R_w$ (C;Ctr)	3	30 (-2;-4)	30 (-1;-2)	31 (-2;-3)	32 (-1;-2)	34 (-2;-3)	35 (-2;-3)
11.	- U-value (EN 673) - Normal emissivity $\epsilon_n$ coated side (EN 12898)	3	NPD 0,03	NPD 0,03	NPD 0,03	NPD 0,03	NPD 0,03	NPD 0,03
12.	Light transmission/reflection (EN 410): $\tau_v$ / $\rho_v$ / $\rho'_v$	3	87 / 6 / 8	86 / 6 / 8	86 / 6 / 7	85 / 6 / 7	84 / 6 / 7	83 / 6 / 7
13.	- Solar transmission/reflection/factor (EN 410): $\tau_e$ / $\rho_e$ / $\rho'_e$ - Solar factor: g	3	59 / 29 / 25	58 / 29 / 24	57 / 29 / 23	56 / 29 / 21	54 / 29 / 19	52 / 29 / 17
14.	Durability	3	PASS	PASS	PASS	PASS	PASS	PASS

Louvain-la-Neuve  
 23rd of February 2015



E. Ceriani  
 Primary Sales & Strategic, Marketing Director, Building