

TÜV Rheinland Nederland B.V.

EC Certificate of conformity

0336 – CPR – 9265C, 25 November 2013

Certificate of constancy of performance

0336 – CPR – 9265C

In compliance with the Directive 89/106/EEC of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (the Construction Products Directive or CPD), as later amended, it has been stated that the construction product

Laminated safety glass with the intended uses bullet resistance and explosion resistance

Specified by the commercial name(s):

Stratobel Bullet and Stratobel Explosion

in the configurations as shown on page 2, 3 and 4 of this certificate

placed on the market by

AGC Glass Europe, Avenue Jean Monnet 4, BE 1348 Louvain-la-Neuve, Belgium

and produced in the factories

AGC IVB, Zone Industrielle, Route d'Arcis, F- 10710 Méry sur Seine, France

AGC Processing Teplice as., clen AGC Group, Za Drahou 462, CZ- 41674 Teplice, Czech Republic

AGC Westland BV, Aartsedijk 23, NL- 2676 LE Maasdijk, The Netherlands

AGC Verres Industriels SA, Quartier Verrerie 25, CH- 2740 Moutier, Switzerland

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that the notified body No. 0336 - TÜV Rheinland Nederland BV has performed the initial type testing for the relevant characteristics of the product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of conformity and the performances described in Annex ZA of the standard

EN 14449:2005/C1:2006

were applied and that the product fulfils all the prescribed requirements.

This certificate was first issued on 1 May 2007 (Teplice), 13 August 2007 (Maasdijk), 19 February 2008 (Moutier) and 5 March 2008 (IVB) under the Construction Products Directive (CPD) 89/106/EEC and remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly.

TÜV Rheinland Nederland BV
Boogschutterstraat 11A
NL - 7324 AE Apeldoorn
The Netherlands

Apeldoorn, 25 November 2013

 I.O.
R. Ditmer, Managing Director

This certificate consists of 4 pages, on pages 2, 3 and 4 the code and commercial names and classifications.

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Code	Commercial name	Bullet resistance EN 1063 (BR class)	Bullet resistance EN 1063 (SG class)	Impact resistance EN 12600	Break-in resistance EN 356	Thick-ness mm	Mass kg/m ²
Stratobel range							
Normal range							
302-1-B	Stratobel Bullet 302-1-B	BR1-S		1B1	P2A	13	31
402-1-B	Stratobel Bullet 402-1-B	BR1-S		1B1	P4A	14	32
902-4-B	Stratobel Bullet 902-4-B	BR1-S		1B1	P2A	19	46
902-5-B	Stratobel Bullet 902-5-B	BR1-S		1B1	P3A	19	46
003-2-B	Stratobel Bullet 003-2-B	BR1-S		1B1	NPD	20	47
603-6-B	Stratobel Bullet 603-6-B	BR1-S		1B1		26	62
802-5-B	Stratobel Bullet 802-5-B	BR1-NS		1B1	P2A	18	42
003-5-B	Stratobel Bullet 003-5-B	BR1-NS		1B1		20	47
003-1-B	Stratobel Bullet 003-1-B	BR2-S		1B1	P2A	20	47
103-3-B	Stratobel Bullet 103-3-B	BR2-S		1B1	P7B	21	45
PK22	Stratobel Bullet PK22	BR2-S				22	52
403-3-B	Stratobel Bullet 403-3-B	BR2-S		1B1		24	58
703-3-B	Stratobel Bullet 703-3-B	BR2-S		1B1	P3A	27	66
803-6-B	Stratobel Bullet 803-6-B	BR2-S		1B1		28	67
104-1-B	Stratobel Bullet 104-1-B	BR2-NS		1B1	P6B	31	73
603-1-B	Stratobel Bullet 603-1-B	BR3-S		1B1	P6B	26	63
PK26	Stratobel Bullet PK26	BR3-S				26	62
004-3-B	Stratobel Bullet 004-3-B	BR3-S		1B1		30	69
704-3-B	Stratobel Bullet 704-3-B	BR3-NS		1B1	P6B	37	89
PK35	Stratobel Bullet PK35	BR4-S				35	85
304-6-B	Stratobel Bullet 304-6-B	BR4-S	SG1-S	1B1	P6B	33	80
PK40	Stratobel Bullet PK40	BR5-S	SG1-S			40	96
504-4-B	Stratobel Bullet 504-4-B	BR5-S	SG2-S	1B1	P8B	35	81
806-2-B	Stratobel Bullet 806-2-B	BR5-NS		1B1	P7B	58	141
408-1-B	Stratobel Bullet 408-1-B	BR6-NS		1B1	P8B	74	179
009-1-B	Stratobel Bullet 009-1-B	BR7-NS		1B1	P8B	80	188
Thin range							
STOPX13	Stratobel Bullet Thin STOPX13	BR1-NS				13	31
STOPX22	Stratobel Bullet Thin STOPX22	BR2-NS				22	52
STOPX26	Stratobel Bullet Thin STOPX26	BR3-NS				26	63
STOPX35	Stratobel Bullet Thin STOPX35	BR4-NS				35	83
STOPX44	Stratobel Bullet Thin STOPX44	BR5-NS	SG1-NS			44	104
PK52-CT	Stratobel Bullet Thin PK52-CT	BR6-S				52	124
STOPX57	Stratobel Bullet Thin STOPX57	BR6-NS	SG2-NS			57	135

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		EN 1063 (BR class)	EN 1063 (SG class)	EN 12600	EN 356	mm	kg/m ²
PK65-CT	Stratobel Bullet Thin PK65-CT	BR7-S				65	157
STOPX74	Stratobel Bullet Thin STOPX74	BR7-NS				74	179
XThin range							
810.361 PC	Stratobel Bullet XThin 810.361 PC	BR1-NS		1B1		11	20
815.051 PC	Stratobel Bullet XThin 815.051 PC	BR2-NS		1B1		15	31
819.070 PC	Stratobel Bullet XThin 819.070 PC	BR3-NS		1B1		19	41
819.071 PC	Stratobel Bullet XThin 819.071 PC	BR3-NS				19	41
823.860 PC	Stratobel Bullet XThin 823.860 PC	BR4-NS		1B1	P7B	24	51
937.061 PC	Stratobel Bullet XThin 937.061 PC	BR4-NS	SG1-NS			37	60
835.800 PC	Stratobel Bullet XThin 835.800 PC	BR5-NS	SG2-NS	1B1	P7B	36	81
841.370 PC	Stratobel Bullet XThin 841.370 PC	BR6-NS		1B1	P7B	42	93
886.820 PC	Stratobel Bullet XThin 886.820 PC	BR7-NS			P7B	87	205
889.600 PC	Stratobel Bullet XThin 889.600 PC	BR7-NS			P7B	90	210
Thermobel range							
Normal range							
2207-1-B	Thermobel Bullet 2207-1-B	BR4-S	SG1-S	1B1		62	113
1207-1-B	Thermobel Bullet 1207-1-B	BR4-NS / BR6-S		1B1	P4A	61	125
4207-1-B	Thermobel Bullet 4207-1-B	BR5-NS		1B1	NPD	64	127
7207-1-B	Thermobel Bullet 7207-1-B	BR5-NS	SG1-NS			67	124
3209-1-B	Thermobel Bullet 3209-1-B	BR6-NS		1B1	P6B	83	176
6208-1-B	Thermobel Bullet 6208-1-B	BR7-S		1B1	P8B	76	157
8209-1-B	Thermobel Bullet 8209-1-B	BR7-NS		1B1	P8B	88	188
9207-1-B	Thermobel Bullet 9207-1-B		SG1-NS	1B1	P4A	69	145
9208-1-B	Thermobel Bullet 9208-1-B		SG2-NS	1B1	P8B	79	162
Thin range							
VIX43	Thermobel Bullet Thin VIX43	BR2-NS				43	68
VIX44	Thermobel Bullet Thin VIX44	BR3-NS				44	83
VIX55	Thermobel Bullet Thin VIX55	BR4-NS	SG1-NS			55	98
VIX61	Thermobel Bullet Thin VIX61	BR5-NS	SG2-NS			61	109
VIX64	Thermobel Bullet Thin VIX64	BR5-NS				64	117
VIX66	Thermobel Bullet Thin VIX66	BR6-NS	SG2-NS			66	119
XThin range							
848i560 PC	Thermobel Bullet XThin 848i560 PC	BR6-NS		1B1		49	82
890i100 PC	Thermobel Bullet XThin 890i100 PC	BR7-NS		1B1		90	185
851i560 PC	Thermobel Bullet XThin 851i560 PC		SG2-NS			51	85

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		EN 1063 (BR class)	EN 1063 (SG class)	EN 12600	EN 356	mm	kg/m ²
Explosion resistance							
Normal range		EN 13541 (ER class)					
002-2-EX	Stratobel Explosion 002-2-EX	ER1-S		1B1	P5A	10	22
902-2-EX	Stratobel Explosion 902-2-EX	ER2-S		1B1	P6B	19	43
823-860-EX PC	Stratobel Explosion 823-860-EX PC	ER3-NS		1B1	P7B	24	51