

	Norms		Total thickness	Weight	Max size Availability	Light properties		Energy properties		
	Bullets					LT	LR	EA	Ug	SF
	EN 1063	mm								
Therm. Strat. Security Bullet 9205-1-B ^{(1) NEW}	BR3-NS	49	93	93	Cut Size	69	10	55	1.4 ⁽¹⁾	43
Therm. Strat. Security Bullet 1205-1-B ^{(1) NEW}	BR4-S	41	70	70	Cut Size	72	11	44	1.4 ⁽¹⁾	50
Therm. Strat. Security Bullet 2207-1-B ⁽¹⁾	BR4-S / SG1-S	62	113	113	Cut Size	65	11	54	1.1 ⁽¹⁾	48
Therm. Strat. Security Bullet 7206-1-B ^{(1) NEW}	BR4-NS	57	113	113	Cut Size	65	10	60	1.4 ⁽¹⁾	40
Therm. Strat. Security Bullet 1207-1-B ⁽¹⁾	BR4-NS / BR6-S	62	125	125	Cut Size	64	10	60	1.4 ⁽¹⁾	43
Therm. Strat. Security Bullet 4207-1-B ⁽¹⁾	BR5-NS	64	127	127	Cut Size	64	10	61	1.4 ⁽¹⁾	40
Therm. Strat. Security Bullet 7207-1-B ⁽¹⁾	BR5-NS / SG1-NS	67	124	124	Cut Size	64	11	55	1.1 ⁽¹⁾	48
Therm. Strat. Security Bullet 3206-1-B ^{(1) NEW}	BR6-S	52	99	99	Cut Size	68	11	52	1.4 ⁽¹⁾	48
Therm. Strat. Security Bullet 3209-1-B	BR6-NS	83	177	177	Cut Size	58	11	66	2.4	42
Therm. Strat. Security Bullet 6208-1-B	BR7-S	76	157	157	Cut Size	61	11	63	2.4	45
Therm. Strat. Security Bullet 8209-1-B	BR7-NS	89	188	188	Cut Size	57	11	68	2.3	39
Therm. Strat. Security Bullet 9207-1-B	SG1-NS	70	145	145	Cut Size	62	12	61	2.5	46
Therm. Strat. Security Bullet 9208-1-B ⁽¹⁾	SG2-NS	80	161	161	Cut Size	60	10	64	1.3 ⁽¹⁾	38

Thin version : for thin and light solutions

Therm. Strat. Security Bullet VIX55 ⁽¹⁾	BR4-NS / SG1-NS	55	97	97	Cut Size	68	11	51	1.1 ⁽¹⁾	48
Therm. Strat. Security Bullet VIX61 ⁽¹⁾	BR5-NS / SG2-NS	61	109	109	Cut Size	66	11	51	1.1 ⁽¹⁾	50
Therm. Strat. Security Bullet VIX66 ⁽¹⁾	BR6-NS / SG2-NS	65	117	117	Cut Size	65	11	53	1.0 ⁽¹⁾	49

XThin PC version : for ultra-thin and ultra-light solutions

Therm. Strat. Security Bullet 848i560 PC ⁽¹⁾	BR6-NS	49	82	82	Cut Size	69	11	49	1.2 ⁽¹⁾	49
Therm. Strat. Security Bullet 890i100 PC	BR7-NS	101	210	210	Cut Size	53	11	70	2.2	43
Therm. Strat. Security Bullet 851i560 PC ⁽¹⁾	SG2-NS	52	82	82	Cut Size	69	11	49	1.1 ⁽¹⁾	49

⁽¹⁾ These products include the "Iplus Top 1.1" low-e coating and an Argon 90% filling. On request, the thermal insulation can be improved down to a Ug value of 1.0 W/(m²K). Other coatings can also be used.

STRATOPHONE — HIGH LEVEL ACOUSTIC PERFORMANCE

	Norms		Total thickness	Weight	Max size Availability	Light & Energy properties		Acoustics ⁽²⁾
	Impact	Break-in				LT	EA	Rw (C; Ctr)
	EN 12600	EN 356						
Stratophone 22.1 st	1B1	NPD	4	10	600 x 321	90	15	33 (-2; -5)
Stratophone 33.1 st	1B1	NPD	6	15	600 x 321	89	18	35 (-1; -3)
Stratophone 44.1 st	1B1	NPD	8	20	600 x 321	88	21	37 (-0; -2)
Stratophone 55.1 st	1B1	NPD	10	25	600 x 321	87	23	38 (-1; -3)
Stratophone 66.1 st	1B1	NPD	12	30	600 x 321	86	26	40 (-1; -3)
Stratophone 22.2 st	1B1	NPD	5	11	600 x 321	90	16	33 (-1; -4)
Stratophone 33.2 st	1B1	P1A-P2A	7	16	600 x 321	89	19	36 (-0; -3)
Stratophone 44.2 st	1B1	P1A-P2A	9	21	600 x 321	88	21	37 (-0; -2)
Stratophone 55.2 st	1B1	P1A-P2A	11	26	600 x 321	87	24	39 (-1; -3)
Stratophone 66.2 st	1B1	P1A-P2A	13	31	600 x 321	86	27	40 (-1; -3)
Stratophone 88.2 st	1B1	P1A-P2A	17	41	600 x 321	84	32	41 (-1; -2)
Stratophone 1212.2 st	1B1	P1A-P2A	25	61	600 x 321	80	40	43 (-1; -4)
Stratophone 44.4 st	1B1	P3A-P4A	10	22	600 x 321	88	23	37 (-0; -3)
Stratophone 44.6 st	1B1	P5A	10	22	600 x 321	88	24	38 (-1; -3)

NPD = No Performance Determined.

⁽²⁾ These sound reduction indexes correspond to glazings which are 1,23 by 1,48m according to EN ISO 10140-3 and are tested in laboratory conditions. The accuracy of the given indexes is not better than +/- 1dB. In-situ performances may vary according to the effective glazing dimensions, frame system, noise sources, etc.

9000436 ENG - 11/15



Performances
Laminated Safety Glass
 STRATOBEL, STRATOBEL SECURITY
 STRATOPHONE

STRATOBEL — PROTECTION FROM INJURIES AND FALLS

	Norms		Total thickness mm	Weight kg/m ²	Max size Availability cm x cm	Light & Energy properties		Acoustics ⁽²⁾ Rw (C; Ctr) dB
	Impact	Break-in				LT	EA	
	EN 12600	EN 356				%	%	
Stratobel 22.1	2B2	NPD	4	10	600 x 321	90	14	NPD
Stratobel 33.1	2B2	NPD	6	15	600 x 321	89	17	32 (-1; -3)
Stratobel 44.1	2B2	NPD	8	20	600 x 321	88	20	34 (-1; -2)
Stratobel 55.1	1B1	NPD	10	25	600 x 321	87	23	35 (-1; -3)
Stratobel 66.1	1B1	NPD	12	30	600 x 321	86	25	NPD
Stratobel 88.1	1B1	NPD	16	40	600 x 321	84	31	NPD
Stratobel 22.2	1B1	P1A-P2A	5	11	600 x 321	90	16	NPD
Stratobel 33.2	1B1	P1A-P2A	7	16	600 x 321	89	19	33 (-1; -4)
Stratobel 44.2	1B1	P1A-P2A	9	21	600 x 321	88	21	35 (-1; -3)
Stratobel 55.2	1B1	P1A-P2A	11	26	600 x 321	87	24	NPD
Stratobel 66.2	1B1	P1A-P2A	13	31	600 x 321	86	27	36 (-1; -3)
Stratobel 88.2	1B1	P1A-P2A	17	41	600 x 321	84	32	39 (-1; -3)
Stratobel 1010.2	1B1	P1A-P2A	21	51	600 x 321	82	36	NPD
Stratobel 1212.2	1B1	P1A-P2A	25	61	600 x 321	80	40	NPD
Stratobel 33.4	1B1	P3A-P4A	8	17	600 x 321	89	21	NPD
Stratobel 44.4	1B1	P3A-P4A	10	22	600 x 321	88	23	NPD
Stratobel 55.4	1B1	P3A-P4A	12	27	600 x 321	87	26	36 (-1; -4)
Stratobel 66.4	1B1	P3A-P4A	14	32	600 x 321	86	29	37 (-1; -4)
Stratobel 88.4	1B1	P3A-P4A	18	42	600 x 321	84	34	NPD
Stratobel 1010.4	1B1	P3A-P4A	22	52	600 x 321	82	38	NPD
Stratobel 44.6	1B1	P5A	10	22	600 x 321	88	24	NPD
Stratobel 66.6	1B1	P5A	14	32	600 x 321	86	30	NPD

STRATOBEL SECURITY BURGLARY — PROTECTION FROM BREAK-INS

	Norms		Total thickness mm	Weight kg/m ²	Max size Availability cm x cm	Light & Energy properties	
	Impact	Break-in				LT	EA
	EN 12600	EN 356				%	%
Stratobel Security Burglary 502-2	1B1	P6B	15	33	600 x 321	86	31
Stratobel Security Burglary 603-9 <small>NEW</small>	1B1	P7B	26	57	600 x 321	82	41
Stratobel Security Burglary 204-9 <small>NEW</small>	1B1	P8B	32	68	225/255 x 321	80	44
<i>XThin PC version : for ultra-thin and ultra-light solutions</i>							
Stratobel Security Burglary 214.541 PC	1B1	P6B	15	28	Cut size	83	29
Stratobel Security Burglary 216.541 PC	1B1	P7B	17	30	Cut size	83	30
Stratobel Security Burglary 219.841 PC	1B1	P8B	20	34	Cut size	79	33

STRATOBEL SECURITY BULLET — RESISTANCE TO BULLET ATTACKS

	Norms		Total thickness mm	Weight kg/m ²	Max size Availability cm x cm	Light & Energy properties	
	Break-in	Bullets				LT	EA
	EN 356	EN 1063				%	%
Stratobel Security Bullet 402-1-B	P3A-P4A	BR1-S	14	32	600 x 321	86	29
Stratobel Security Bullet 802-5-B	P4A	BR1-NS	18	42	225/255 x 321	84	33
Stratobel Security Bullet 902-7-B <small>NEW</small>	P5A	BR2-S	19	43	600 x 321	84	35
Stratobel Security Bullet 104-1-B	P6B	BR2-NS	31	73	225/255 x 321	78	45
Stratobel Security Bullet 403-5-B <small>NEW</small>	P6B	BR3-S	24	54	600 x 321	82	39
Stratobel Security Bullet 704-3-B	P6B	BR3-NS	37	88	225/255 x 321	76	50
Stratobel Security Bullet 004-8-B <small>NEW</small>	P6B	BR4-S	30	67	225/255 x 321	80	44
Stratobel Security Bullet 304-6-B	P6B	BR4-S / SG1-S	33	75	225/255 x 321	78	46
Stratobel Security Bullet 106-1-B <small>NEW</small>	P7B	BR4-NS	51	123	Cut size	70	58
Stratobel Security Bullet 504-4-B	P8B	BR5-S / SG2-S	35	81	255 x 321	78	48
Stratobel Security Bullet 806-2-B	P7B	BR5-NS	58	141	Cut size	68	61
Stratobel Security Bullet 347-2-B <small>NEW</small>	P7B	BR5-NS	63	151	Cut size	66	63
Stratobel Security Bullet 905-9-B <small>NEW</small>	P7B	BR6-S	49	116	Cut size	72	57
Stratobel Security Bullet 148-1-B <small>NEW</small>	P7B	BR6-NS	71	170	Cut size	64	65
Stratobel Security Bullet 408-1-B	P8B	BR6-NS	74	179	Cut size	62	66
Stratobel Security Bullet 009-1-B	P8B	BR7-NS	80	188	Cut size	62	68
<i>Thin version : for thin and light solutions</i>							
Stratobel Security Bullet STOPX13	NPD	BR1-NS	13	31	Cut size	86	27
Stratobel Security Bullet STOPX22	NPD	BR2-NS	22	52	Cut size	82	37
Stratobel Security Bullet STOPX26	NPD	BR3-NS	26	62	Cut size	80	42
Stratobel Security Bullet STOPX35	NPD	BR4-NS	35	83	Cut size	77	48
Stratobel Security Bullet STOPX44	NPD	BR5-NS / SG1-NS	44	104	Cut size	73	54
Stratobel Security Bullet PK52-CT	NPD	BR6-S	52	124	Cut size	70	58
Stratobel Security Bullet STOPX57	NPD	BR6-NS / SG2-NS	57	135	Cut size	69	60
Stratobel Security Bullet PK65-CT	NPD	BR7-S	65	157	Cut size	65	63
Stratobel Security Bullet STOPX74	NPD	BR7-NS	74	179	Cut size	62	66
<i>XThin PC version : for ultra-thin and ultra-light solutions</i>							
Stratobel Security Bullet 810.361 PC	NPD	BR1-NS	14	30	Cut size	85	28
Stratobel Security Bullet 815.051 PC	NPD	BR2-NS	15	31	Cut size	85	29
Stratobel Security Bullet 819.070 PC	NPD	BR3-NS	19	41	Cut size	83	34
Stratobel Security Bullet 823.860 PC	P7B	BR4-NS / SG1-NS	24	52	Cut size	81	38
Stratobel Security Bullet 835.800 PC	P7B	BR5-NS / SG2-NS	36	82	Cut size	76	48
Stratobel Security Bullet 841.370 PC	P7B	BR6-NS	41	93	Cut size	74	52
Stratobel Security Bullet 886.820 PC	P7B	BR7-NS	87	205	Cut size	58	69

STRATOBEL SECURITY EXPLOSION — RESISTANCE TO EXPLOSION

	Norms			Total thickness mm	Weight kg/m ²	Max size Availability cm x cm	Light & Energy properties	
	Impact	Break-in	Explosion				LT	EA
	EN 12600	EN 356	EN 13541				%	%
Stratobel Security Explosion 002-2-EX	1B1	P5A	ER1-S	10	22	600 x 321	88	24
Stratobel Security Explosion 902-2-EX	1B1	P6B	ER2-S	19	43	600 x 321	84	35
<i>XThin PC version : for ultra-thin and ultra-light solutions</i>								
Stratobel Security Explosion 823.860-EX PC	1B1	P7B	ER3-NS	24	52	Cut size	81	38

NPD = No Performance Determined.

⁽²⁾ These sound reduction indexes correspond to glazings which are 1,23 by 1,48m according to EN ISO 10140-3 and are tested in laboratory conditions. The accuracy of the given indexes is not better than +/- 1dB. In-situ performances may vary according to the effective glazing dimensions, frame system, noise sources, etc.