



DECLARATION OF PERFORMANCE

CE Marking of Heat strengthened flat glass on Planibel Clear (AGC) - EN 1863-2

№:
173386/1



Product Identifying Code – Type: MG Tempered HS Mod A

NB: SSV 1694

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	A1	A1	A1	A1	A1
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	100°K	100°K	100°K	100°K	100°K
Resistance against wind, snow, permanent and imposed load	4	70	70	70	70	70	70
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)	34 (-2,-3)	35 (-2,-3)
Thermal properties							
Declared emissivity (EN 12898)	3	0,89	0,89	0,89	0,89	0,89	0,89
Thermal property (EN 673): Ug value (W/m²K)	3	5,8	5,7	5,7	5,6	5,6	5,5
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	90 / 8	89 / 8	89 / 8	88 / 8	87 / 8	86 / 8
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	84 / 8	83 / 7	81 / 7	78 / 7	75 / 7	72 / 7
Solar Factor (EN 410): g	3	86	85	84	82	79	77
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on Planibel Clearvision (AGC) –
EN 1863-2

№:
173386/2



Product Identifying Code – Type: MG Tempered HS Mod A

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	A1	A1	A1	A1	A1
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	100°K	100°K	100°K	100°K	100°K
Resistance against wind, snow, permanent and imposed load	4	70	70	70	70	70	70
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)	34 (-2, -3)	35 (-2,-3)
Thermal properties							
Declared emissivity (EN 12898)	3	0,89	0,89	0,89	0,89	0,89	0,89
Thermal property (EN 673): Ug value (W/m²K)	3	5,8	5,7	5,7	5,6	5,6	5,5
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	92 / 8	92 / 8	92 / 8	92 / 8	91/8	91/8
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	91 / 8	90 / 8	90 / 8	90 / 8	89 / 8	88/8
Solar Factor (EN 410): g	3	91	91	91	90	90	89
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on Planibel Bronze (AGC) –
EN 1863-2

№:
173386/3



Product Identifying Code – Type: MG Tempered HS Mod A

Intended use: Heat strengthened glass to be used in building and construction works

Product name and address: Modern Glass Ltd.; Russia, Chelyabinsk, Lenina Av., 3, cab. 312, 454007

Harmonised Standard: EN 1863-2:2004

NB: SSV 1694

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	A1	A1	A1	A1	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	100°K	100°K	100°K	100°K	NPD
Resistance against wind, snow, permanent and imposed load	4	70	70	70	70	70	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)	34 (-2,-3)	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	0,89	0,89	0,89	0,89	0,89	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	5,8	5,8	5,7	5,7	5,6	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	62 / 6	56 / 6	51 / 5	41 / 5	34 / 5	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	61 / 6	55 / 6	50 / 5	41 / 5	33 / 5	NPD
Solar Factor (EN 410): g	3	69	64	60	54	48	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE

CE Marking of Heat strengthened flat glass on Planibel Grey (AGC) – EN 1863-2

No:
173386/4



Product Identifying Code – Type: MG Tempered HS Mod A

NB: SSV 1694

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	A1	A1	A1	A1	A1
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	100°K	100°K	100°K	100°K	100°K
Resistance against wind, snow, permanent and imposed load	4	70	70	70	70	70	70
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)	34 (-2,-3)	35 (-2,-3)
Thermal properties							
Declared emissivity (EN 12898)	3	0,89	0,89	0,89	0,89	0,89	0,89
Thermal property (EN 673): Ug value (W/m²K)	3	5,8	5,8	5,7	5,7	5,6	5,6
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	56/6	49/5	43/5	33/5	26/5	20/4
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	56/6	50/5	44/5	34/5	27/5	22/4
Solar Factor (EN 410): g	3	65	60	56	49	43	39
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on Float glass clear (Salavatsteklo) –
EN 1863-2

№:
173386/5



Product Identifying Code – Type: MG Tempered HS Mod A

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	A1	A1	A1	A1	A1
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	100°K	100°K	100°K	100°K	100°K
Resistance against wind, snow, permanent and imposed load	4	70	70	70	70	70	70
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	NPD	NPD	NPD	NPD	NPD	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	NPD	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	0,90	0,90	0,89	0,88	0,87	0,86
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	NPD	NPD	NPD	NPD
Solar Factor (EN 410): g	3	NPD	NPD	NPD	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on Float tinted glass bronze
(Salavatsteklo) – EN 1863-2

№:
173386/6



Product Identifying Code – Type: MG Tempered HS Mod A

NB: SSV 1694

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	NPD	A1	A1	NPD	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	NPD	100°K	100°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	70	NPD	70	70	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	NPD	NPD	NPD	NPD	NPD	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	NPD	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	0,60	NPD	0,48	0,39	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	NPD	NPD	NPD	NPD
Solar Factor (EN 410): g	3	NPD	NPD	NPD	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on Float tinted glass grey
(Salavatsteklo) – EN 1863-2

№:
173386/7



Product Identifying Code – Type: MG Tempered HS Mod A

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	NPD	A1	A1	NPD	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	NPD	100°K	100°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	70	NPD	70	70	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	NPD	NPD	NPD	NPD	NPD	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	NPD	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	0,60	NPD	0,47	0,37	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	NPD	NPD	NPD	NPD
Solar Factor (EN 410): g	3	NPD	NPD	NPD	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on Optifloat™ Clear (Pilkington) –
EN 1863-2

№:
173386/8



Product Identifying Code – Type: MG Tempered HS Mod A

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	A1	A1	A1	A1	A1
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	100°K	100°K	100°K	100°K	100°K
Resistance against wind, snow, permanent and imposed load	4	70	70	70	70	70	70
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	29 (-2,-3)	30 (-1,-2)	31 (-2,-3)	32 (-2,-3)	33 (-2,-3)	34 (0,-2)
Thermal properties							
Declared emissivity (EN 12898)	3	0,89	0,89	0,89	0,89	0,89	0,89
Thermal property (EN 673): Ug value (W/m²K)	3	5,8	5,7	5,7	5,6	5,6	5,5
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	0.91/0.08	0.90 /0.08	0.90 / 0.08	0.89/0.08	0.88/0.08	0.88/0.08
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	0.86/0.08	0.85/0.08	0.83 / 0.08	0.81/0.07	0.78/0.07	0.76/0.07
Solar Factor (EN 410): g	3	88	87	85	83	82	80
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on ExtraClear (Guardian) - EN 1863-2

Nº:
173386/9



Product Identifying Code – Type: MG Tempered HS Mod A

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	A1	A1	A1	A1	A1
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	100°K	100°K	100°K	100°K	100°K
Resistance against wind, snow, permanent and imposed load	4	70	70	70	70	70	70
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	29 (-2;-3)	30 (-1;-2)	31 (-2;-3)	32 (-2;-3)	33 (-2;-3)	34 (-1;-2)
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	NPD	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	5,8	5,7	5,7	5,6	5,6	5,5
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	0,91/0,08	0,90/0,08	0,90/0,08	0,90/0,08	0,89/0,08	0,88/0,08
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	0,87/0,08	0,86/0,08	0,84/0,08	0,83/0,08	0,80/0,08	0,78/0,08
Solar Factor (EN 410): g	3	NPD	NPD	NPD	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on UltraClear (Guardian) –
EN 1863-2

No:
173386/10



Product Identifying Code – Type: MG Tempered HS Mod A

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	A1	A1	A1	A1	A1
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	100°K	100°K	100°K	100°K	100°K
Resistance against wind, snow, permanent and imposed load	4	70	70	70	70	70	70
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	29 (-2,-3)	30 (-1,-2)	31 (-2,-3)	32 (-2,-3)	33 (-2,-3)	34 (-1,-2)
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	NPD	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	5,8	5,8	5,7	5,7	5,6	5,6
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	0.91/0.08	0.91/0.08	0.91/0.08	0.90/0.08	0.90/0.08	0.90/0.08
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	0.90/0.08	0.89/0.08	0.89/0.08	0.88/0.08	0.87/0.08	0.86/0.08
Solar Factor (EN 410): g	3	NPD	NPD	NPD	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on Ipasol bright white (AGC) –
EN 1863-2

No:
173443/1



Product Identifying Code – Type: MG Tempered HS Mod B1

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	NPD	A1	A1	A1	A1
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	NPD	100°K	100°K	100°K	100°K
Resistance against wind, snow, permanent and imposed load	4	70	NPD	70	70	70	70
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	30 (-2,-4)	NPD	31(-2,-3)	32 (-1,-2)	34 (-2,-3)	35 (-2,-3)
Thermal properties							
Declared emissivity (EN 12898)	3	0.89	NPD	0.89	0.89	0.89	0.89
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	65/35	NPD	65/35	64/35	64/35	64/35
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	70/27	NPD	70/27	69/27	68/27	68/27
Solar Factor (EN 410): g	3	NPD	NPD	NPD	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE

CE Marking of Heat strengthened flat glass on Stopsol Classic Bronze (AGC) – EN 1863-2

No:
173443/2



Product Identifying Code – Type: MG Tempered HS Mod B1

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	A1	A1	NPD	NPD	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	100°K	100°K	NPD	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	70	70	70	NPD	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	NPD	NPD	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	0,89	0,89	0,89	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	5,8	5,8	5,7	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	26 / 34	24 / 34	22 / 34	NPD	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	35 / 28	32 / 28	29 / 28	NPD	NPD	NPD
Solar Factor (EN 410): g	3	44	41	39	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on Stopsol Classic Clear (AGC) –
EN 1863-2

№:
173443/3



Product Identifying Code – Type: MG Tempered HS Mod B1

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	A1	A1	A1	NPD	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	100°K	100°K	100°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	70	70	70	70	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)	NPD	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	0,89	0,89	0,89	0,89	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	5,8	5,8	5,7	5,7	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	38 / 34	38 / 34	38 / 34	37 / 34	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	48 / 29	47 / 29	46 / 29	44 / 28	NPD	NPD
Solar Factor (EN 410): g	3	54	53	52	51	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE

CE Marking of Heat strengthened flat glass on Stopsol Classic Green (AGC) – EN 1863-2

No:
173443/4



Product Identifying Code – Type: MG Tempered HS Mod B1

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	A1	A1	A1	NPD	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	100°K	100°K	100°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	70	70	70	70	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)	NPD	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	0,89	0,89	0,89	0,89	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	5,8	5,8	5,7	5,7	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	33 / 34	32 / 34	31 / 34	29 / 34	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	29 / 28	25 / 28	22 / 28	18 / 28	NPD	NPD
Solar Factor (EN 410): g	3	39	36	34	31	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on Stopsol Classic Grey (AGC) –
EN 1863-2

No:
173443/5



Product Identifying Code – Type: MG Tempered HS Mod B1

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	A1	A1	NPD	NPD	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	100°K	100°K	NPD	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	70	70	70	NPD	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	NPD	NPD	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	0,89	0,89	0,89	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	5,8	5,8	5,7	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	23 / 34	21 / 34	18 / 34	NPD	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	32 / 28	28 / 28	25 / 28	NPD	NPD	NPD
Solar Factor (EN 410): g	3	42	40	37	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE

CE Marking of Heat strengthened flat glass on Stopsol Phoenix Glear (AGC) – EN 1863-2

No:
173443/6



Product Identifying Code – Type: MG Tempered HS Mod B1

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	NPD	A1	A1	NPD	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	NPD	100°K	100°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	70	NPD	70	70	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	30 (-2;-4)	NPD	31 (-2;-3)	31 (-2,-3)	NPD	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	0,89	NPD	0,89	0,89	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	5.7	NPD	5,7	5,6	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	67/32	NPD	67/31	66/31	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	69/25	NPD	67/25	64/25	NPD	NPD
Solar Factor (EN 410): g	3	70	NPD	69	67	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on Stopsol Phoenix Green (AGC) –
EN 1863-2

№:
173443/7



Product Identifying Code – Type: MG Tempered HS Mod B1

NB: SSV 1694

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	NPD	NPD	A1	A1	NPD	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	100°K	100°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	70	70	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	NPD	NPD	30 (-2,-4)	31 (-2,-3)	NPD	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	0,89	0,89	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	5,7	5,6	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	NPD	NPD	54 / 31	50 / 31	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	35 / 24	29 / 23	NPD	NPD
Solar Factor (EN 410): g	3	NPD	NPD	45	40	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on Stopsol Phoenix Grey (AGC) –
EN 1863-2

No:
173443/8



Product Identifying Code – Type: MG Tempered HS Mod B1

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	NPD	NPD	A1	A1	NPD	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	100°K	100°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	70	70	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	NPD	NPD	30 (-2,-3)	31 (-2,-3)	NPD	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	0,89	0,89	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	5,7	5,6	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	NPD	NPD	32 / 30	24 / 30	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	36 / 23	28 / 23	NPD	NPD
Solar Factor (EN 410): g	3	NPD	NPD	45	40	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on Stopsol SilverLight PrivaBlue
(AGC) – EN 1863-2

No:
173443/9



Product Identifying Code – Type: MG Tempered HS Mod B1

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	NPD	NPD	A1	A1	NPD	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	100°K	100°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	70	70	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	NPD	NPD	31 (-2,-3)	32 (-1,-2)	NPD	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	0,89	0,89	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	5,7	5,7	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	NPD	NPD	27 / 24	20 / 24	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	16 / 20	11 / 20	NPD	NPD
Solar Factor (EN 410): g	3	NPD	NPD	31	27	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on Stopsol Supersilver Clear (AGC) –
EN 1863-2

No:
173443/10



Product Identifying Code – Type: MG Tempered HS Mod B1

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	A1	A1	A1	A1	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	100°K	100°K	100°K	100°K	NPD
Resistance against wind, snow, permanent and imposed load	4	70	70	70	70	70	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)	34 (-2,-3)	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	0,89	0,89	0,89	0,89	0,89	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	5,8	5,8	5,7	5,7	5,6	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	64 / 35	64 / 35	63 / 35	62 / 35	62 / 35	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	66 / 28	65 / 28	64 / 27	62 / 27	59 / 27	NPD
Solar Factor (EN 410): g	3	68	67	66	64	63	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on Stopsol Supersilver Dark Blue
(AGC) – EN 1863-2

No:
173443/11



Product Identifying Code – Type: MG Tempered HS Mod B1

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	NPD	NPD	A1	A1	NPD	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	100°K	100°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	70	70	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	NPD	NPD	31 (-2,-3)	32 (-1,-2)	NPD	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	0,89	0,89	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	5,7	5,7	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	NPD	NPD	41 / 34	35 / 34	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	30 / 26	24 / 26	NPD	NPD
Solar Factor (EN 410): g	3	NPD	NPD	40	36	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on Stopsol Supersilver Green (AGC) –
EN 1863-2

No:
173443/12



Product Identifying Code – Type: MG Tempered HS Mod B1

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	NPD	NPD	A1	A1	NPD	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	100°K	100°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	70	70	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	NPD	NPD	31 (-2,-3)	32 (-1,-2)	NPD	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	0,89	0,89	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	5,7	5,7	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	NPD	NPD	51 / 34	47 / 34	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	33 / 26	27 / 26	NPD	NPD
Solar Factor (EN 410): g	3	NPD	NPD	42	38	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on Stopsol Supersilver Grey (AGC) –
EN 1863-2

No:
173443/13



Product Identifying Code – Type: MG Tempered HS Mod B1

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	NPD	A1	A1	A1	NPD	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	100°K	100°K	100°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	70	70	70	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	NPD	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)	NPD	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	0,89	0,89	0,89	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	5,8	5,7	5,7	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	NPD	34 / 34	30 / 34	23 / 34	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	38 / 27	34 / 27	27 / 26	NPD	NPD
Solar Factor (EN 410): g	3	NPD	47	43	38	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE

CE Marking of Heat strengthened flat glass on Sunergy Azur (AGC) – EN 1863-2

No:
173443/14



Product Identifying Code – Type: MG Tempered HS Mod B1

NB: SSV 1694

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	NPD	NPD	A1	A1	A1	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	100°K	100°K	100°K	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	70	70	70	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	NPD	NPD	31 (-2,-3)	32 (-1,-2)	34 (-2,-3)	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	0,28	0,28	0,28	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	NPD	NPD	56 / 9	52 / 9	48 / 9	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	36 / 9	31 / 9	27 / 9	NPD
Solar Factor (EN 410): g	3	NPD	NPD	45	42	39	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE

CE Marking of Heat strengthened flat glass on Sunergy Clear (AGC) – EN 1863-2

No:
173443/15



Product Identifying Code – Type: MG Tempered HS Mod B1

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	NPD	A1	A1	A1	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	NPD	100°K	100°K	100°K	NPD
Resistance against wind, snow, permanent and imposed load	4	70	NPD	70	70	70	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	30 (-2,-4)	NPD	31 (-2,-3)	32 (-1,-2)	34 (-2,-3)	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	0,28	NPD	0,28	0,28	0,28	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	69 / 10	NPD	68 / 10	67 / 10	66 / 10	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	56 / 10	NPD	54 / 10	52 / 10	50 / 10	NPD
Solar Factor (EN 410): g	3	61	NPD	60	59	57	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on Sunergy Dark Blue (AGC) –
EN 1863-2

No:
173443/16



Product Identifying Code – Type: MG Tempered HS Mod B1

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	NPD	NPD	A1	A1	NPD	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	100°K	100°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	70	70	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	NPD	NPD	31 (-2,-3)	32 (-1,-2)	NPD	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	0,28	0,28	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	4,1	4,1	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	NPD	NPD	40 / 9	35 / 9	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	26 / 9	21 / 9	NPD	NPD
Solar Factor (EN 410): g	3	NPD	NPD	37	33	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on Sunergy Green (AGC) –
EN 1863-2

No:
173443/17



Product Identifying Code – Type: MG Tempered HS Mod B1

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	NPD	NPD	A1	A1	NPD	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	100°K	100°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	70	70	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	NPD	NPD	31 (-2,-3)	32 (-1,-2)	NPD	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	0,28	0,28	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	4,1	4,1	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	NPD	NPD	56 / 9	52 / 9	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	31 / 9	27 / 9	NPD	NPD
Solar Factor (EN 410): g	3	NPD	NPD	42	38	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on Sunergy Grey (AGC) –
EN 1863-2

No:
173443/18



Product Identifying Code – Type: MG Tempered HS Mod B1

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	NPD	NPD	A1	A1	NPD	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	100°K	100°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	70	70	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	NPD	NPD	31 (-2,-3)	32 (-1,-2)	NPD	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	0,28	0,28	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	4,1	4,1	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	NPD	NPD	33 / 9	25 / 8	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	28 / 9	22 / 9	NPD	NPD
Solar Factor (EN 410): g	3	NPD	NPD	39	34	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on SunGuard HD Light Blue 52
(Guardian) – EN 1863-2

No:
173443/19



Product Identifying Code – Type: MG Tempered HS Mod B1

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	A1	A1	A1	A1	A1
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	100°K	100°K	100°K	100°K	100°K
Resistance against wind, snow, permanent and imposed load	4	70	70	70	70	70	70
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	29 (-2,-3)	30 (-1,-2)	31 (-2,-3)	32 (-2,-3)	33 (-2,-3)	34 (0,-2)
Thermal properties							
Declared emissivity (EN 12898)	3	0.82	0.82	0.82	0.82	0.82	0.82
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	0.52 / 0.17	0.52 / 0.17	0.52 / 0.17	0.52 / 0.17	0.51 / 0.17	0.51 / 0.17
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	0.52 / 0.17	0.51 / 0.17	0.50 / 0.17	0.49 / 0.16	0.47 / 0.16	0.46 / 0.16
Solar Factor (EN 410): g	3	0.59	0.59	0.58	0.57	0.56	0.55
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on SunGuard HD Neutral 67
(Guardian) – EN 1863-2

No:
173443/20



Product Identifying Code – Type: MG Tempered HS Mod B1

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	A1	A1	A1	A1	A1
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	100°K	100°K	100°K	100°K	100°K
Resistance against wind, snow, permanent and imposed load	4	70	70	70	70	70	70
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	29 (-2;-3)	30 (-1;-2)	31 (-2;-3)	32 (-2;-3)	33 (-2;-3)	34 (0;-2)
Thermal properties							
Declared emissivity (EN 12898)	3	0.88	0.88	0.88	0.88	0.88	0.88
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	0.66 / 0.18	0.66 / 0.18	0.66 / 0.18	0.65 / 0.18	0.65 / 0.18	0.64 / 0.18
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	0.65 / 0.17	0.64 / 0.17	0.63 / 0.16	0.62 / 0.16	0.60 / 0.16	0.58 / 0.16
Solar Factor (EN 410): g	3	0.69	0.68	0.68	0.67	0.65	0.64
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on SunGuard HD Silver Grey 32 HD
(Guardian) – EN 1863-2

No:
173443/21



Product Identifying Code – Type: MG Tempered HS Mod B1

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	A1	A1	A1	A1	A1
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	100°K	100°K	100°K	100°K	100°K
Resistance against wind, snow, permanent and imposed load	4	70	70	70	70	70	70
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	29 (-2;-3)	30 (-1;-2)	31 (-2;-3)	32 (-2;-3)	33 (-2;-3)	34 (0;-2)
Thermal properties							
Declared emissivity (EN 12898)	3	0.72	0.72	0.72	0.72	0.72	0.72
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	0.33 / 0.22	0.33 / 0.22	0.33 / 0.22	0.32 / 0.22	0.32 / 0.22	0.32 / 0.22
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	0.32 / 0.23	0.31 / 0.23	0.31 / 0.23	0.30 / 0.23	0.29 / 0.23	0.29 / 0.23
Solar Factor (EN 410): g	3	0.42	0.42	0.42	0.41	0.40	0.40
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on SunGuard HD Silver 70
(Guardian) – EN 1863-2

No:
173443/22



Product Identifying Code – Type: MG Tempered HS Mod B1

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	A1	A1	A1	A1	A1
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	100°K	100°K	100°K	100°K	100°K
Resistance against wind, snow, permanent and imposed load	4	70	70	70	70	70	70
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	29 (-2;-3)	30 (-1;-2)	31 (-2;-3)	32 (-2;-3)	33 (-2;-3)	34 (0;-2)
Thermal properties							
Declared emissivity (EN 12898)	3	0.87	0.87	0.87	0.87	0.87	0.87
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	0.70 / 0.28	0.70 / 0.28	0.70 / 0.28	0.69 / 0.28	0.69 / 0.28	0.68 / 0.28
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	0.71 / 0.24	0.70 / 0.24	0.69 / 0.23	0.68 / 0.23	0.65 / 0.23	0.64 / 0.23
Solar Factor (EN 410): g	3	0.73	0.72	0.71	0.70	0.68	0.67
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on SunGuard HD Royal Blue 20
(Guardian) – EN 1863-2

No:
173443/23



Product Identifying Code – Type: MG Tempered HS Mod B1

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	A1	A1	A1	A1	A1
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	100°K	100°K	100°K	100°K	100°K
Resistance against wind, snow, permanent and imposed load	4	70	70	70	70	70	70
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	29 (-2;-3)	30 (-1;-2)	31 (-2;-3)	32 (-2;-3)	33 (-2;-3)	34 (0;-2)
Thermal properties							
Declared emissivity (EN 12898)	3	0.58	0.58	0.58	0.58	0.58	0.58
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	0.22 / 0.32	0.22 / 0.32	0.21 / 0.32	0.21 / 0.32	0.21 / 0.32	0.21 / 0.32
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	0.20 / 0.37	0.20 / 0.37	0.19 / 0.37	0.19 / 0.37	0.18 / 0.37	0.18 / 0.37
Solar Factor (EN 410): g	3	0.30	0.30	0.30	0.30	0.29	0.29
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on Planibel A (AGC) –
EN 1863-2

No:
173455/1



Product Identifying Code – Type: MG Tempered HS Mod B2

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	NPD	NPD	A1	NPD	NPD	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	100°K	NPD	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	70	NPD	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	NPD	NPD	31 (-2,-3)	NPD	NPD	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	0.10	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	NPD	NPD	79 / 11	NPD	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	65 / 11	NPD	NPD	NPD
Solar Factor (EN 410): g	3	NPD	NPD	NPD	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE

CE Marking of Heat strengthened flat glass on Planibel G (AGC) – EN 1863-2

No:
173455/2



Product Identifying Code – Type: MG Tempered HS Mod B2

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	NPD	NPD	A1	NPD	NPD	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	100°K	NPD	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	70	NPD	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	NPD	NPD	31 (-2,-3)	NPD	NPD	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	0.14	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	NPD	NPD	82 / 11	NPD	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	72 / 11	NPD	NPD	NPD
Solar Factor (EN 410): g	3	NPD	NPD	NPD	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on ClimaGuard Neutral 70 (Guardian)
– EN 1863-2

No:
173455/3



Product Identifying Code – Type: MG Tempered HS Mod B2

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	NPD	NPD	A1	NPD	NPD	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	100°K	NPD	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	70	NPD	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	NPD	NPD	31 (-1;-3)	NPD	NPD	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	0.11	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	NPD	NPD	0.77 / 0.04	NPD	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	0.57 / 0.21	NPD	NPD	NPD
Solar Factor (EN 410): g	3	NPD	NPD	0.62	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on Energy Light (AGC) –
EN 1863-2

No:
173468/1



Product Identifying Code – Type: MG Tempered HS Mod B3

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	A1	A1	A1	A1	A1
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	100°K	100°K	100°K	100°K	100°K
Resistance against wind, snow, permanent and imposed load	4	70	70	70	70	70	70
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)	34 (-2,-3)	35 (-2,-3)
Thermal properties							
Declared emissivity (EN 12898)	3	0,01	0,01	0,01	0,01	0,01	0,01
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	71 / 20	71 / 20	71 / 20	70 / 20	69 / 20	69 / 20
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	45 / 44	44 / 44	44 / 44	43 / 44	42 / 44	42 / 44
Solar Factor (EN 410): g	3	NPD	NPD	NPD	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on Stopray Vision-36T (AGC) –
EN 1863-2

No:
173468/2



Product Identifying Code – Type: MG Tempered HS Mod B3

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	NPD	NPD	A1	A1	NPD	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	100°K	100°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	70	70	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	NPD	NPD	31 (-2,-3)	32 (-1,-2)	NPD	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	0,01	0,01	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	NPD	NPD	NPD	NPD	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	NPD	NPD	NPD	NPD
Solar Factor (EN 410): g	3	NPD	NPD	NPD	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on Stopray Vision-50T (AGC) –
EN 1863-2

№:
173468/3



Product Identifying Code – Type: MG Tempered HS Mod B3

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	NPD	A1	A1	A1	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	NPD	100°K	100°K	100°K	NPD
Resistance against wind, snow, permanent and imposed load	4	70	NPD	70	70	70	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	30 (-2,-4)	NPD	31 (-2,-3)	32 (-1,-2)	34 (-2,-3)	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	0,01	NPD	0,01	0,01	0,01	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	55 / 16	NPD	55 / 16	54 / 16	53 / 16	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	31 / 44	NPD	31 / 44	30 / 44	29 / 44	NPD
Solar Factor (EN 410): g	3	NPD	NPD	NPD	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE

CE Marking of Heat strengthened flat glass on Stopray Vision-60T (AGC) – EN 1863-2

No:
173468/4



Product Identifying Code – Type: MG Tempered HS Mod B3

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	NPD	A1	A1	A1	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	NPD	100°K	100°K	100°K	NPD
Resistance against wind, snow, permanent and imposed load	4	70	NPD	70	70	70	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	30 (-2,-4)	NPD	31 (-2,-3)	32 (-1,-2)	34 (-2,-3)	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	NPD	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	NPD	NPD	NPD	NPD	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	NPD	NPD	NPD	NPD
Solar Factor (EN 410): g	3	NPD	NPD	NPD	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on SunGuard HP Royal Blue 38/31
(Guardian) – EN 1863-2

No:
173468/5



Product Identifying Code – Type: MG Tempered HS Mod B3

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	NPD	A1	A1	A1	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	NPD	100°K	100°K	100°K	NPD
Resistance against wind, snow, permanent and imposed load	4	70	NPD	70	70	70	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	29 (-2;-3)	NPD	31 (-2;-3)	32 (-2;-3)	33 (-2;-3)	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	0.09	NPD	0.09	0.09	0.09	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	0.42 / 0.10	NPD	0.42 / 0.10	0.42 / 0.10	0.42 / 0.10	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	0.32 / 0.28	NPD	0.31 / 0.28	0.30 / 0.28	0.29 / 0.28	NPD
Solar Factor (EN 410): g	3	0.41	NPD	0.40	0.40	0.39	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on SunGuard HP Silver 35/26
(Guardian) – EN 1863-2

№:
173468/6



Product Identifying Code – Type: MG Tempered HS Mod B3

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	NPD	A1	A1	A1	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	NPD	100°K	100°K	100°K	NPD
Resistance against wind, snow, permanent and imposed load	4	70	NPD	70	70	70	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	29 (-2;-3)	NPD	31 (-2;-3)	32 (-2;-3)	33 (-2;-3)	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	0.04	NPD	0.04	0.04	0.04	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	0.38 / 0.18	NPD	0.38 / 0.18	0.38 / 0.18	0.37 / 0.18	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	0.27 / 0.36	NPD	0.27 / 0.36	0.26 / 0.35	0.26 / 0.35	NPD
Solar Factor (EN 410): g	3	0.36	NPD	0.36	0.35	0.35	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on SunGuard HP Silver 43/31
(Guardian) – EN 1863-2

No:
173468/7



Product Identifying Code – Type: MG Tempered HS Mod B3

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	NPD	A1	A1	A1	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	NPD	100°K	100°K	100°K	NPD
Resistance against wind, snow, permanent and imposed load	4	70	NPD	70	70	70	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	29 (-2;-3)	NPD	31 (-2;-3)	32 (-2;-3)	33 (-2;-3)	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	0.05	NPD	0.05	0.05	0.05	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	0.47 / 0.09	NPD	0.47 / 0.09	0.47 / 0.09	0.47 / 0.09	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	0.33 / 0.32	NPD	0.32 / 0.35	0.32 / 0.32	0.31 / 0.32	NPD
Solar Factor (EN 410): g	3	0.41	NPD	0.41	0.40	0.40	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on SunGuard HP Neutral 60/40
(Guardian) – EN 1863-2

No:
173468/8



Product Identifying Code – Type: MG Tempered HS Mod B3

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	NPD	A1	A1	A1	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	NPD	100°K	100°K	100°K	NPD
Resistance against wind, snow, permanent and imposed load	4	70	NPD	70	70	70	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	29 (-2;-3)	NPD	31 (-2;-3)	32 (-2;-3)	33 (-2;-3)	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	0.04	NPD	0.04	0.04	0.04	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	0.62 / 0.11	NPD	0.61 / 0.11	0.61 / 0.11	0.61 / 0.11	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	0.42 / 0.34	NPD	0.41 / 0.35	0.40 / 0.35	0.39 / 0.35	NPD
Solar Factor (EN 410): g	3	0.47	NPD	0.46	0.46	0.45	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on SunGuard HP Amber 41/29
(Guardian) – EN 1863-2

No:
173468/9



Product Identifying Code – Type: MG Tempered HS Mod B3

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	NPD	A1	A1	A1	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	NPD	100°K	100°K	100°K	NPD
Resistance against wind, snow, permanent and imposed load	4	70	NPD	70	70	70	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	29 (-2;-3)	NPD	31 (-2;-3)	32 (-2;-3)	33 (-2;-3)	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	0.03	NPD	0.03	0.03	0.03	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	0.45 / 0.11	NPD	0.44 / 0.11	0.44 / 0.11	0.44 / 0.11	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	0.30 / 0.35	NPD	0.30 / 0.35	0.29 / 0.35	0.29 / 0.35	NPD
Solar Factor (EN 410): g	3	0.39	NPD	0.38	0.38	0.37	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on SunGuard HP Bright Green 40/29
(Guardian) – EN 1863-2

№:
173468/10



Product Identifying Code – Type: MG Tempered HS Mod B3

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	NPD	A1	A1	A1	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	NPD	100°K	100°K	100°K	NPD
Resistance against wind, snow, permanent and imposed load	4	70	NPD	70	70	70	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	29 (-2;-3)	NPD	31 (-2;-3)	32 (-2;-3)	33 (-2;-3)	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	0.03	NPD	0.03	0.03	0.03	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	0.45 / 0.19	NPD	0.43 / 0.19	0.43 / 0.19	0.43 / 0.19	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	0.29 / 0.39	NPD	0.29 / 0.39	0.28 / 0.38	0.28 / 0.38	NPD
Solar Factor (EN 410): g	3	0.37	NPD	0.36	0.36	0.36	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on SunGuard HP Neutral 50/32
(Guardian) – EN 1863-2

No:
173468/11



Product Identifying Code – Type: MG Tempered HS Mod B3

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	NPD	A1	A1	A1	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	NPD	100°K	100°K	100°K	NPD
Resistance against wind, snow, permanent and imposed load	4	70	NPD	70	70	70	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	29 (-2;-3)	NPD	31 (-2;-3)	32 (-2;-3)	33 (-2;-3)	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	0.03	NPD	0.03	0.03	0.03	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	0.55 / 0.17	NPD	0.55 / 0.17	0.54 / 0.17	0.51 / 0.17	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	0.34 / 0.45	NPD	0.33 / 0.45	0.33 / 0.45	0.32 / 0.45	NPD
Solar Factor (EN 410): g	3	0.39	NPD	0.38	0.38	0.37	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on SunGuard SN 70/41 HT
(Guardian) – EN 1863-2

No:
173468/12



Product Identifying Code – Type: MG Tempered HS Mod B3

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	NPD	A1	A1	A1	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	NPD	100°K	100°K	100°K	NPD
Resistance against wind, snow, permanent and imposed load	4	70	NPD	70	70	70	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	29 (-2;-3)	NPD	31 (-2;-3)	32 (-2;-3)	33 (-2;-3)	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	NPD	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	NPD	NPD	NPD	NPD	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	NPD	NPD	NPD	NPD
Solar Factor (EN 410): g	3	NPD	NPD	NPD	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on SunGuard SN 70/37 HT
(Guardian) – EN 1863-2

No:
173468/13



Product Identifying Code – Type: MG Tempered HS Mod B3

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	NPD	A1	A1	A1	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	NPD	100°K	100°K	100°K	NPD
Resistance against wind, snow, permanent and imposed load	4	70	NPD	70	70	70	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	29 (-2;-3)	NPD	31 (-2;-3)	32 (-2;-3)	33 (-2;-3)	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	NPD	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	NPD	NPD	NPD	NPD	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	NPD	NPD	NPD	NPD
Solar Factor (EN 410): g	3	NPD	NPD	NPD	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on SunGuard SN 70/35 HT
(Guardian) – EN 1863-2

No:
173468/14



Product Identifying Code – Type: MG Tempered HS Mod B3

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	NPD	A1	A1	A1	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	NPD	100°K	100°K	100°K	NPD
Resistance against wind, snow, permanent and imposed load	4	70	NPD	70	70	70	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	29 (-2;-3)	NPD	31 (-2;-3)	32 (-2;-3)	33 (-2;-3)	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	NPD	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	NPD	NPD	NPD	NPD	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	NPD	NPD	NPD	NPD
Solar Factor (EN 410): g	3	NPD	NPD	NPD	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on SunGuard SN 62/34 HT
(Guardian) – EN 1863-2

No:
173468/15



Product Identifying Code – Type: MG Tempered HS Mod B3

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	NPD	A1	A1	A1	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	NPD	100°K	100°K	100°K	NPD
Resistance against wind, snow, permanent and imposed load	4	70	NPD	70	70	70	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	29 (-2;-3)	NPD	31 (-2;-3)	32 (-2;-3)	33 (-2;-3)	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	NPD	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	NPD	NPD	NPD	NPD	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	NPD	NPD	NPD	NPD
Solar Factor (EN 410): g	3	NPD	NPD	NPD	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on SunGuard SN 51/28 HT
(Guardian) – EN 1863-2

No:
173468/16



Product Identifying Code – Type: MG Tempered HS Mod B3

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	NPD	A1	A1	A1	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	NPD	100°K	100°K	100°K	NPD
Resistance against wind, snow, permanent and imposed load	4	70	NPD	70	70	70	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	29 (-2;-3)	NPD	31 (-2;-3)	32 (-2;-3)	33 (-2;-3)	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	NPD	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	NPD	NPD	NPD	NPD	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	NPD	NPD	NPD	NPD
Solar Factor (EN 410): g	3	NPD	NPD	NPD	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS



DECLARATION OF PERFORMANCE
CE Marking of Heat strengthened flat glass on ClimaGuard PremiumT+
(Guardian) – EN 1863-2

No:
173468/17



Product Identifying Code – Type: MG Tempered HS Mod B3

NB: SSV 1694							
Essential Characteristics	AVCP system	Performance					
		4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Safety in the case of fire							
Resistance to fire (EN 13501-2)	1	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	3,4	A1	NPD	A1	A1	A1	NPD
External fire performance	3,4	NPD	NPD	NPD	NPD	NPD	NPD
Safety in Use							
Bullet resistance (EN 1063)	1	NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)	1	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to impact (Pendulum test) (EN 12600)	3	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	100°K	NPD	100°K	100°K	100°K	NPD
Resistance against wind, snow, permanent and imposed load	4	70	NPD	70	70	70	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	29 (-2;-3)	NPD	31 (-2;-3)	32 (-2;-3)	33 (-2;-3)	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	NPD	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m²K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): tv / pv /	3	NPD	NPD	NPD	NPD	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	NPD	NPD	NPD	NPD
Solar Factor (EN 410): g	3	NPD	NPD	NPD	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS