Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Planibel Clear (AGC) - EN 14179-2**	№: 175394/1	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)1	1(C)2	1(C)2	1(C)1	1(C)1	1(C)1
Resistance against sudden temperature changes and temperature differentials	4	200°K	200°K	200°K	200°K	200°K	200°K
Resistance against wind, snow, permanent and imposed load	4	120	120	120	120	120	120
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/m^2K)	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

Modern Glass

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Planibel Clearvision (AGC) – EN 14179-2**	№: 175394/2	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)1	1(C)2	1(C)2	1(C)1	1(C)1	1(C)1
Resistance against sudden temperature changes and temperature differentials	4	200°K	200°K	200°K	200°K	200°K	200°K
Resistance against wind, snow, permanent and imposed load	4	120	120	120	120	120	120
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/m^2K)	3	5,8	5,7	5,7	5,6	5,6	5.5
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Planibel Bronze (AGC) – EN 14179-2**	№: 175394/3	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	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	1(C)1	1(C)2	1(C)2	1(C)1	1(C)1	NPD
Resistance against sudden temperature changes and temperature differentials	4	200°K	200°K	200°K	200°K	200°K	NPD
Resistance against wind, snow, permanent and imposed load	4	120	120	120	120	120	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/m^2K)	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Planibel Grey (AGC) – EN 14179-2**	№: 175394/4	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)1	1(C)2	1(C)2	1(C)1	1(C)1	1(C)1
Resistance against sudden temperature changes and temperature differentials	4	200°K	200°K	200°K	200°K	200°K	200°K
Resistance against wind, snow, permanent and imposed load	4	120	120	120	120	120	120
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/m^2K)	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Float glass clear (Salavatsteklo) – EN 14179-2**	№: 175394/5	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)1	1(C)2	1(C)2	1(C)1	1(C)1	1(C)1
Resistance against sudden temperature changes and temperature differentials	4	200°K	200°K	200°K	200°K	200°K	200°K
Resistance against wind, snow, permanent and imposed load	4	120	120	120	120	120	120
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/m^2K)	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Float tinted glass bronze (Salavatsteklo) – EN 14179-2**	№: 175394/6	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	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	1(C)1	1(C)2	1(C)2	1(C)1	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	200°K	200°K	200°K	200°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	120	120	120	120	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/m^2K)	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Float tinted glass grey (Salavatsteklo) – EN 14179-2**	№: 175394/7	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)1	NPD	1(C)2	1(C)1	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	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/m^2K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Optifloat™ Clear (Pilkington) – EN 14179-2**	№: 175394/8	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)1	1(C)2	1(C)2	1(C)1	1(C)1	1(C)1
Resistance against sudden temperature changes and temperature differentials	4	200°K	200°K	200°K	200°K	200°K	200°K
Resistance against wind, snow, permanent and imposed load	4	120	120	120	120	120	120
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	0,89	0,89	0,89	0,89	0,89	0.89
Thermal property (EN 673): Ug value (W/m^2K)	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	89
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on ExtraClear (Guardian) - EN 14179-2**	№: 175394/9	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)1	1(C)2	1(C)2	1(C)1	1(C)1	1(C)1
Resistance against sudden temperature changes and temperature differentials	4	200°K	200°K	200°K	200°K	200°K	200°K
Resistance against wind, snow, permanent and imposed load	4	120	120	120	120	120	120
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/m^2K)	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on UltraClear (Guardian) – EN 14179-2**	№: 175394/10	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	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	1(C)1	1(C)2	1(C)2	1(C)1	1(C)1	NPD
Resistance against sudden temperature changes and temperature differentials	4	200°K	200°K	200°K	200°K	200°K	NPD
Resistance against wind, snow, permanent and imposed load	4	120	120	120	120	120	NPD
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)	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	NPD	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m^2K)	3	5,8	5,8	5,7	5,7	5,6	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	0.91/0.08	0.91/0.08	0.91/0.08	0.90/0.08	0.90/0.08	NPD
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	NPD
Solar Factor (EN 410): g	3	NPD	NPD	NPD	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Ipasol bright white (AGC) – EN 14179-2**	№: 175401/1	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)3	NPD	1(C)1	1(C)1	1(C)1	NPD
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	NPD
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	120	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	0.89	NPD	0.89	0.89	0.89	NPD
Thermal property (EN 673): Ug value (W/m^2K)	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	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	70/27	NPD	70/27	69/27	68/27	NPD
Solar Factor (EN 410): g	3	NPD	NPD	NPD	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Stopsol Classic Bronze (AGC) – EN 14179-2**	№: 175401/2	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	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	1(C)3	NPD	1(C)1	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	NPD	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	NPD	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	30 (-2,-4)	NPD	31 (-2,-3)	NPD	NPD	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	0,89	NPD	0,89	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m^2K)	3	5,8	NPD	5,7	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	26 / 34	NPD	22 / 34	NPD	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	35 / 28	NPD	29 / 28	NPD	NPD	NPD
Solar Factor (EN 410): g	3	44	NPD	39	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Stopsol Classic Clear (AGC) – EN 14179-2**	№: 175401/3	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)3	NPD	1(C)1	1(C)1	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	30 (-2,-4)	NPD	31 (-2,-3)	32 (-1,-2)	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/m^2K)	3	5,8	NPD	5,7	5,7	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	38 / 34	NPD	38 / 34	37 / 34	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	48 / 29	NPD	46 / 29	44 / 28	NPD	NPD
Solar Factor (EN 410): g	3	54	NPD	52	51	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Stopsol Classic Green (AGC) – EN 14179-2**	№: 175401/4	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)3	NPD	1(C)1	1(C)1	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	30 (-2,-4)	NPD	31 (-2,-3)	32 (-1,-2)	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/m^2K)	3	5,8	NPD	5,7	5,7	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	33 / 34	NPD	31 / 34	29 / 34	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	29 / 28	NPD	22 / 28	18 / 28	NPD	NPD
Solar Factor (EN 410): g	3	39	NPD	34	31	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Stopsol Classic Grey (AGC) – EN 14179-2**	№: 175401/5	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	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	1(C)3	NPD	1(C)1	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	NPD	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	NPD	NPD	NPD
Protection against noise							
Direct airborne sound reduction (EN 12758): Rw (C, Ctr)	3	30 (-2,-4)	NPD	31 (-2,-3)	NPD	NPD	NPD
Thermal properties							
Declared emissivity (EN 12898)	3	0,89	NPD	0,89	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m^2K)	3	5,8	NPD	5,7	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	23 / 34	NPD	18 / 34	NPD	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	32 / 28	NPD	25 / 28	NPD	NPD	NPD
Solar Factor (EN 410): g	3	42	NPD	37	NPD	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Stopsol Phoenix Clear (AGC) – EN 14179-2**	№: 175401/6	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)3	NPD	1(C)1	1(C)1	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	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/m^2K)	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Stopsol Phoenix Green (AGC) – EN 14179-2**	№: 175401/7	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)1	1(C)1	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	200°K	200°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	120	120	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/m^2K)	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Stopsol Phoenix Grey (AGC) – EN 14179-2**	№: 175401/8	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)1	1(C)1	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	200°K	200°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	120	120	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/m^2K)	3	NPD	NPD	5,7	5,6	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Stopsol SilverLight PrivaBlue (AGC) – EN 14179-2**	№: 175401/9	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)1	1(C)1	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	200°K	200°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	120	120	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/m^2K)	3	NPD	NPD	5,7	5,7	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Stopsol Supersilver Clear (AGC) – EN 14179-2**	№: 175401/10	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)3	NPD	1(C)1	1(C)1	1(C)1	NPD
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	NPD
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	120	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	0,89	NPD	0,89	0,89	0,89	NPD
Thermal property (EN 673): Ug value (W/m^2K)	3	5,8	NPD	5,7	5,7	5,6	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	64 / 35	NPD	63 / 35	62 / 35	62 / 35	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	66 / 28	NPD	64 / 27	62 / 27	59 / 27	NPD
Solar Factor (EN 410): g	3	68	NPD	66	64	63	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Stopsol Supersilver Dark Blue (AGC) – EN 14179-2**	№: 175401/11	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)1	1(C)1	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	200°K	200°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	120	120	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/m^2K)	3	NPD	NPD	5,7	5,7	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Stopsol Supersilver Green (AGC) – EN 14179-2**	№: 175401/12	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)1	1(C)1	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	200°K	200°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	120	120	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/m^2K)	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Stopsol Supersilver Grey (AGC) – EN 14179-2**	№: 175401/13	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)1	1(C)1	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	200°K	200°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	120	120	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/m^2K)	3	NPD	NPD	5,7	5,7	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	NPD	NPD	30 / 34	23 / 34	NPD	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	NPD	NPD	34 / 27	27 / 26	NPD	NPD
Solar Factor (EN 410): g	3	NPD	NPD	43	38	NPD	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Sunergy Azur (AGC) – EN 14179-2**	№: 175401/14	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	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	1(C)1	1(C)1	1(C)1	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	200°K	200°K	200°K	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	120	120	120	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/m^2K)	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Sunergy Clear (AGC) – EN 14179-2**	№: 175401/15	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)3	NPD	1(C)1	1(C)1	1(C)1	NPD
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	NPD
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	120	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/m^2K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Sunergy Dark Blue (AGC) – EN 14179-2**	№: 175401/16	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)1	1(C)1	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	200°K	200°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	120	120	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/m^2K)	3	NPD	NPD	4,1	4,1	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Sunergy Green (AGC) – EN 14179-2**	№: 175401/17	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)1	1(C)1	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	200°K	200°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	120	120	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/m^2K)	3	NPD	NPD	4,1	4,1	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Sunergy Grey (AGC) – EN 14179-2**	№: 175401/18	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)1	1(C)1	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	200°K	200°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	120	120	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/m^2K)	3	NPD	NPD	4,1	4,1	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on SunGuard HD Light Blue 52 (Guardian) – EN 14179-2**	№: 175401/19	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)3	NPD	1(C)1	1(C)1	1(C)1	NPD
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	NPD
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	120	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	0.82	NPD	0.82	0.82	0.82	NPD
Thermal property (EN 673): Ug value (W/m^2K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	0.52 / 0.17	NPD	0.52 / 0.17	0.52 / 0.17	0.51 / 0.17	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	0.52 / 0.17	NPD	0.50 / 0.17	0.49 / 0.16	0.47 / 0.16	NPD
Solar Factor (EN 410): g	3	0.59	NPD	0.58	0.57	0.56	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on SunGuard HD Neutral 67 (Guardian) – EN 14179-2**	№: 175401/20	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)3	NPD	1(C)1	1(C)1	1(C)1	NPD
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	NPD
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	120	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	0.88	NPD	0.88	0.88	0.88	NPD
Thermal property (EN 673): Ug value (W/m^2K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	0.66 / 0.18	NPD	0.66 / 0.18	0.65 / 0.18	0.65 / 0.18	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	0.65 / 0.17	NPD	0.63 / 0.16	0.62 / 0.16	0.60 / 0.16	NPD
Solar Factor (EN 410): g	3	0.69	NPD	0.68	0.67	0.65	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on SunGuard HD Silver Grey 32 HD (Guardian) – EN 14179-2**	№: 175401/21	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)3	NPD	1(C)1	1(C)1	1(C)1	NPD
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	NPD
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	120	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	0.72	NPD	0.72	0.72	0.72	NPD
Thermal property (EN 673): Ug value (W/m^2K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	0.33 / 0.22	NPD	0.33 / 0.22	0.32 / 0.22	0.32 / 0.22	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	0.32 / 0.23	NPD	0.31 / 0.23	0.30 / 0.23	0.29 / 0.23	NPD
Solar Factor (EN 410): g	3	0.42	NPD	0.42	0.41	0.40	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on SunGuard HD Silver 70 (Guardian) – EN 14179-2**	№: 175401/22	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)3	NPD	1(C)1	1(C)1	1(C)1	NPD
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	NPD
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	120	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	0.87	NPD	0.87	0.87	0.87	NPD
Thermal property (EN 673): Ug value (W/m^2K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	0.70 / 0.28	NPD	0.70 / 0.28	0.69 / 0.28	0.69 / 0.28	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	0.71 / 0.24	NPD	0.69 / 0.23	0.68 / 0.23	0.65 / 0.23	NPD
Solar Factor (EN 410): g	3	0.73	NPD	0.71	0.70	0.68	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on SunGuard HD Royal Blue 20 (Guardian) – EN 14179-2**	№: 175401/23	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)3	NPD	1(C)1	1(C)1	1(C)1	NPD
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	NPD
Resistance against wind, snow, permanent and imposed load	4	120	120	120	120	120	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	0.58	NPD	0.58	0.58	0.58	NPD
Thermal property (EN 673): Ug value (W/m^2K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	0.22 / 0.32	NPD	0.21 / 0.32	0.21 / 0.32	0.21 / 0.32	NPD
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	0.20 / 0.37	NPD	0.19 / 0.37	0.19 / 0.37	0.18 / 0.37	NPD
Solar Factor (EN 410): g	3	0.30	NPD	0.30	0.30	0.29	NPD
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS

Modern Glass

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Energy Light (AGC) – EN 14179-2**	№: 175422/1	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	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	1(C)1	NPD	1(C)1	1(C)1	1(C)1	1(C)1
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	200°K
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	120	120
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	0,01	NPD	0,01	0,01	0,01	0.01
Thermal property (EN 673): Ug value (W/m^2K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	71 / 20	NPD	71 / 20	70 / 20	69 / 20	69/20
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	45 / 44	NPD	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Stopray Vision-36T (AGC) – EN 14179-2**	№: 175422/2	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)1	1(C)1	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	NPD	NPD	200°K	200°K	NPD	NPD
Resistance against wind, snow, permanent and imposed load	4	NPD	NPD	120	120	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/m^2K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Stopray Vision-50T (AGC) – EN 14179-2**	№: 175422/3	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)1	NPD	1(C)1	1(C)1	1(C)1	NPD
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	NPD
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	120	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/m^2K)	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened glass on Stopray Vision-60T (AGC) – EN 14179-2**	№: 175422/4	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	1(C)1	NPD	1(C)1	1(C)1	1(C)1	NPD
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	NPD
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	120	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/m^2K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened on SunGuard HP Royal Blue 38/31 (Guardian) – EN 14179-2**	№: 175422/5	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	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	1(C)1	NPD	1(C)1	1(C)1	1(C)1	1(C)1
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	200°K
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	120	120
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)	34 (0;-2)
Thermal properties							
Declared emissivity (EN 12898)	3	0.09	NPD	0.09	0.09	0.09	0.09
Thermal property (EN 673): Ug value (W/m^2K)	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	0.41/0.10
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	0.29/0.28
Solar Factor (EN 410): g	3	0.41	NPD	0.40	0.40	0.39	0.39
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened on SunGuard HP Silver 35/26 (Guardian) – EN 14179-2**	№: 175422/6	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	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	1(C)1	NPD	1(C)1	1(C)1	1(C)1	1(C)1
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	200°K
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	120	120
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)	34 (0;-2)
Thermal properties							
Declared emissivity (EN 12898)	3	0.04	NPD	0.04	0.04	0.04	0.04
Thermal property (EN 673): Ug value (W/m^2K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	0.38 / 0.18	NPD	0.38 / 0.18	0.38 / 0.18	0.37 / 0.18	0.37/0.18
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	0.25/0.35
Solar Factor (EN 410): g	3	0.36	NPD	0.36	0.35	0.35	0.34
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened on SunGuard HP Silver 43/31 (Guardian) – EN 14179-2**	№: 175422/7	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	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	1(C)1	NPD	1(C)1	1(C)1	1(C)1	1(C)1
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	200°K
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	120	120
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)	34 (0;-2)
Thermal properties							
Declared emissivity (EN 12898)	3	0.05	NPD	0.05	0.05	0.05	0.05
Thermal property (EN 673): Ug value (W/m^2K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	0.47 / 0.09	NPD	0.47 / 0.09	0.47 / 0.09	0.47 / 0.09	0.46/0.09
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	0.30/0.32
Solar Factor (EN 410): g	3	0.41	NPD	0.41	0.40	0.40	0.39
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened on SunGuard HP Neutral 60/40 (Guardian) – EN 14179-2**	№: 175422/8	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	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	1(C)1	NPD	1(C)1	1(C)1	1(C)1	1(C)1
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	200°K
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	120	120
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)	34 (0;-2)
Thermal properties							
Declared emissivity (EN 12898)	3	0.04	NPD	0.04	0.04	0.04	0.04
Thermal property (EN 673): Ug value (W/m^2K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	0.62 / 0.11	NPD	0.61 / 0.11	0.61 / 0.11	0.61 / 0.11	0.60/0.11
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	0.38/0.35
Solar Factor (EN 410): g	3	0.47	NPD	0.46	0.46	0.45	0.45
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened on SunGuard HP Amber 41/29 (Guardian) – EN 14179-2**	№: 175422/9	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	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	1(C)1	NPD	1(C)1	1(C)1	1(C)1	1(C)1
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	200°K
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	120	120
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)	34 (0;-2)
Thermal properties							
Declared emissivity (EN 12898)	3	0.03	NPD	0.03	0.03	0.03	0.03
Thermal property (EN 673): Ug value (W/m^2K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	0.45 / 0.11	NPD	0.44 / 0.11	0.44 / 0.11	0.44 / 0.11	0.43/0.11
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	0.28/0.35
Solar Factor (EN 410): g	3	0.39	NPD	0.38	0.38	0.37	0.37
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened on SunGuard HP** **Bright Green 40/29 (Guardian) – EN 14179-2**	№: 175422/10	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	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	1(C)1	NPD	1(C)1	1(C)1	1(C)1	1(C)1
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	200°K
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	120	120
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)	34 (0;-2)
Thermal properties							
Declared emissivity (EN 12898)	3	0.03	NPD	0.03	0.03	0.03	0.03
Thermal property (EN 673): Ug value (W/m^2K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	0.45 / 0.19	NPD	0.43 / 0.19	0.43 / 0.19	0.43 / 0.19	0.43/0.19
Solar energy characteristics							
Solar direct transmittance / reflectance (EN 410)	3	0.29 / 0.39	NPD	0.29 / 0.39	0.28 / 0.28	0.28 / 0.38	0.27/0.39
Solar Factor (EN 410): g	3	0.37	NPD	0.36	0.36	0.36	0.35
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened on SunGuard HP Neutral 50/32 (Guardian) – EN 14179-2**	№: 175422/11	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	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	1(C)1	NPD	1(C)1	1(C)1	1(C)1	1(C)1
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	200°K
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	120	120
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)	34 (0;-2)
Thermal properties							
Declared emissivity (EN 12898)	3	0.03	NPD	0.03	0.03	0.03	0.03
Thermal property (EN 673): Ug value (W/m^2K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	3	0.55 / 0.17	NPD	0.55 / 0.17	0.54 / 0.17	0.51 / 0.17	0.54/0.17
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	0.32/0.45
Solar Factor (EN 410): g	3	0.39	NPD	0.38	0.38	0.37	0.37
Durability							
	3	PASS	PASS	PASS	PASS	PASS	PASS

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened on SunGuard SN 70/41 HT (Guardian) – EN 14179-2**	№: 175422/12	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	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	1(C)1	NPD	1(C)1	1(C)1	1(C)1	1(C)1
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	200°K
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	120	120
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)	34 (0;-2)
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	NPD	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m^2K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened on SunGuard SN 70/37 HT (Guardian) – EN 14179-2**	№: 175422/13	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	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	1(C)1	NPD	1(C)1	1(C)1	1(C)1	1(C)1
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	200°K
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	120	120
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)	34 (0;-2)
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	NPD	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m^2K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened on SunGuard SN 70/35 HT (Guardian) – EN 14179-2**	№: 175422/14	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	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	1(C)1	NPD	1(C)1	1(C)1	1(C)1	1(C)1
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	200°K
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	120	120
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)	34 (0;-2)
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	NPD	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m^2K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened on SunGuard SN 62/34 HT (Guardian) – EN 14179-2**	№: 175422/15	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	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	1(C)1	NPD	1(C)1	1(C)1	1(C)1	1(C)1
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	200°K
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	120	120
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)	34 (0;-2)
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	NPD	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m^2K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened on SunGuard SN 51/28 HT (Guardian) – EN 14179-2**	№: 175422/16	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	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	1(C)1	NPD	1(C)1	1(C)1	1(C)1	1(C)1
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	200°K
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	120	120
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)	34 (0;-2)
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	NPD	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m^2K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	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

Modern Glass	**DECLARATION OF PERFORMANCE** **CE Marking of Heat soaked thermally toughened on ClimaGuard PremiumT+ (Guardian) – EN 14179-2**	№: 175422/17	CE

Product Identifying Code – Type: MG Tempered HST – Type 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	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	1(C)1	NPD	1(C)1	1(C)1	1(C)1	1(C)1
Resistance against sudden temperature changes and temperature differentials	4	200°K	NPD	200°K	200°K	200°K	200°K
Resistance against wind, snow, permanent and imposed load	4	120	NPD	120	120	120	120
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)	34 (0;-2)
Thermal properties							
Declared emissivity (EN 12898)	3	NPD	NPD	NPD	NPD	NPD	NPD
Thermal property (EN 673): Ug value (W/m^2K)	3	NPD	NPD	NPD	NPD	NPD	NPD
Radiation properties							
Light transmittance / reflectance (EN 410): τv / ρv /	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