



**Declaration of Performance:** 28<sup>th</sup> June 2013

**MAWBY & KING LTD**, Swan Lake Glass Works, Upperton Road, Leicester. LE2 7AY. United Kingdom

**CLEAR FLOAT** glass intended to be used in buildings and construction works. **EN 572-9.**

<b>Characteristics</b>	<b>2mm</b>	<b>3mm</b>	<b>4mm</b>	<b>5mm</b>	<b>6mm</b>	<b>8mm</b>	<b>10mm</b>
Resistance to fire	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire	A1	A1	A1	A1	A1	A1	A1
External fire performance	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Bullet resistance	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Explosion Resistance	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Burglar Resistance	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Pendulum body impact resistance	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	40K	40K	40K	40K	40K	40K	40K
Wind, snow, permanent and imposed load resistance	2mm	3mm	4mm	5mm	6mm	8mm	10mm
Direct airborne sound insulation	NPD	28 (-1;-4)	29 (-2;-3)	30 (-1;-2)	31 (-2;-3)	32 (-2;-3)	33 (-2;-3)
Thermal properties	5.8	5.8	5.8	5.7	5.7	5.6	5.6
Radiation properties: light transmission and reflection	0.91/0.08	0.90/0.08	0.90/0.08	0.89/0.08	0.89/0.08	0.88/0.08	0.87/0.08
Radiation properties: Solar energy characteristics	0.88/0.08	0.86/0.08	0.84/0.08	0.83/0.08	0.82/0.07	0.79/0.07	0.76/0.07

NPD = No Performance Determined



**Declaration of Performance:** 28<sup>th</sup> June 2013

**MAWBY & KING LTD**, Swan Lake Glass Works, Upperton Road, Leicester. LE2 7AY. United Kingdom

**BRONZE FLOAT** glass intended to be used in buildings and construction works. **EN 572-9.**

<b>Characteristics</b>	<b>3mm</b>	<b>4mm</b>	<b>5mm</b>	<b>6mm</b>	<b>8mm</b>	<b>10mm</b>
Resistance to fire	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire	A1	A1	A1	A1	A1	A1
External fire performance	NPD	NPD	NPD	NPD	NPD	NPD
Bullet resistance	NPD	NPD	NPD	NPD	NPD	NPD
Explosion Resistance	NPD	NPD	NPD	NPD	NPD	NPD
Burglar Resistance	NPD	NPD	NPD	NPD	NPD	NPD
Pendulum body impact resistance	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	NPD	NPD	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD	NPD	NPD
Direct airborne sound insulation	29 (-2;-5)	30 (-2;-4)	30 (-1;-2)	31 (-2;-3)	32 (-1;-2)	34 (-2;-3)
Thermal properties	5.8	5.8	5.8	5.8	5.7	5.7
Radiation properties: light transmission and reflection	0.68 / 0.06	0.62 / 0.06	0.56 / 0.06	0.51 / 0.06	0.41 / 0.05	0.34 / 0.05
Radiation properties: Solar energy characteristics	0.67 / 0.06	0.61 / 0.06	0.56 / 0.06	0.50 / 0.05	0.42 / 0.05	0.34 / 0.05

NPD = No Performance Determined



**Declaration of Performance:** 28<sup>th</sup> June 2013

**MAWBY & KING LTD**, Swan Lake Glass Works, Upperton Road, Leicester. LE2 7AY. United Kingdom

**GREY FLOAT** glass intended to be used in buildings and construction works. **EN 572-9.**

<b>Characteristics</b>	<b>3mm</b>	<b>4mm</b>	<b>5mm</b>	<b>6mm</b>	<b>8mm</b>	<b>10mm</b>
Resistance to fire	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire	A1	A1	A1	A1	A1	A1
External fire performance	NPD	NPD	NPD	NPD	NPD	NPD
Bullet resistance	NPD	NPD	NPD	NPD	NPD	NPD
Explosion Resistance	NPD	NPD	NPD	NPD	NPD	NPD
Burglar Resistance	NPD	NPD	NPD	NPD	NPD	NPD
Pendulum body impact resistance	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	NPD	NPD	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD	NPD	NPD
Direct airborne sound insulation	29 (-2;-5)	30 (-2;-4)	30 (-1;-2)	31 (-2;-3)	32 (-1;-2)	34 (-2;-3)
Thermal properties	5.8	5.8	5.8	5.7	5.7	5.6
Radiation properties: light transmission and reflection	0.63 / 0.06	0.57 / 0.06	0.50 / 0.05	0.44 / 0.05	0.34 / 0.05	0.27 / 0.05
Radiation properties: Solar energy characteristics	0.64 / 0.06	0.58 / 0.06	0.52 / 0.06	0.46 / 0.05	0.37 / 0.05	0.30 / 0.05

NPD = No Performance Determined



**Declaration of Performance:** 28<sup>th</sup> June 2013

**MAWBY & KING LTD**, Swan Lake Glass Works, Upperton Road, Leicester. LE2 7AY. United Kingdom

**PILKINGTON 'K'** glass intended to be used in buildings and construction works. **EN 1096-4.**

<b>Characteristics</b>	<b>4mm</b>
Resistance to fire	NPD
Reaction to fire	A1
External fire performance	NPD
Bullet resistance	NPD
Explosion Resistance	NPD
Burglar Resistance	NPD
Pendulum body impact resistance	NPD
Resistance against sudden temperature changes and temperature differentials	40K
Wind, snow, permanent and imposed load resistance	4mm
Direct airborne sound insulation (dB)	29 (-2;-3)
Thermal properties (W/m <sup>2</sup> K)	3.7
Radiation properties: light transmission and reflection	0.82/0.11
Radiation properties: Solar energy characteristics	0.71/0.10

NPD = No Performance Determined



**Declaration of Performance:** 28<sup>th</sup> June 2013

**MAWBY & KING LTD**, Swan Lake Glass Works, Upperton Road, Leicester. LE2 7AY. United Kingdom

**CLEAR FLOAT TOUGHENED** glass intended to be used in buildings and construction works. **EN 12150-2.**

<b>Characteristics</b>	<b>3mm</b>	<b>4mm</b>	<b>5mm</b>	<b>6mm</b>	<b>8mm</b>	<b>10mm</b>
Resistance to fire	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire	A1	A1	A1	A1	A1	A1
External fire performance	NPD	NPD	NPD	NPD	NPD	NPD
Bullet resistance	NPD	NPD	NPD	NPD	NPD	NPD
Explosion Resistance	NPD	NPD	NPD	NPD	NPD	NPD
Burglar Resistance	NPD	NPD	NPD	NPD	NPD	NPD
Pendulum body impact resistance	1C1	1C1	1C1	1C1	1C1	1C1
Resistance against sudden temperature changes and temperature differentials	200K	200K	200K	200K	200K	200K
Wind, snow, permanent and imposed load resistance	3mm	4mm	5mm	6mm	8mm	10mm
Direct airborne sound insulation	28 (-1;-4)	29 (-2;-3)	30 (-1;-2)	31 (-2;-3)	32 (-2;-3)	33 (-2;-3)
Thermal properties	5.8	5.8	5.7	5.7	5.6	5.6
Radiation properties: light transmission and reflection	0.90/0.08	0.90/0.08	0.89/0.08	0.89/0.08	0.88/0.08	0.87/0.08
Radiation properties: Solar energy characteristics	0.86/0.08	0.84/0.08	0.83/0.08	0.82/0.07	0.79/0.07	0.76/0.07

NPD = No Performance Determined



**Declaration of Performance:** 28<sup>th</sup> June 2013

**MAWBY & KING LTD**, Swan Lake Glass Works, Upperton Road, Leicester. LE2 7AY. United Kingdom

**BRONZE FLOAT TOUGHENED** glass intended to be used in buildings and construction works. **EN 12150-2.**

<b>Characteristics</b>	<b>3mm</b>	<b>4mm</b>	<b>5mm</b>	<b>6mm</b>	<b>8mm</b>	<b>10mm</b>
Resistance to fire	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire	A1	A1	A1	A1	A1	A1
External fire performance	NPD	NPD	NPD	NPD	NPD	NPD
Bullet resistance	NPD	NPD	NPD	NPD	NPD	NPD
Explosion Resistance	NPD	NPD	NPD	NPD	NPD	NPD
Burglar Resistance	NPD	NPD	NPD	NPD	NPD	NPD
Pendulum body impact resistance	1C1	1C1	1C1	1C1	1C1	1C1
Resistance against sudden temperature changes and temperature differentials	200K	200K	200K	200K	200K	200K
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD	NPD	NPD
Direct airborne sound insulation	29 (-2;-5)	30 (-2;-4)	30 (-1;-2)	31 (-2;-3)	32 (-1;-2)	34 (-2;-3)
Thermal properties	5.8	5.8	5.8	5.8	5.7	5.7
Radiation properties: light transmission and reflection	0.68 / 0.06	0.62 / 0.06	0.56 / 0.06	0.51 / 0.06	0.41 / 0.05	0.34 / 0.05
Radiation properties: Solar energy characteristics	0.67 / 0.06	0.61 / 0.06	0.56 / 0.06	0.50 / 0.05	0.42 / 0.05	0.34 / 0.05

NPD = No Performance Determined



**Declaration of Performance:** 28<sup>th</sup> June 2013

**MAWBY & KING LTD**, Swan Lake Glass Works, Upperton Road, Leicester. LE2 7AY. United Kingdom

**GREY FLOAT TOUGHENED** glass intended to be used in buildings and construction works. **EN 12150-2.**

<b>Characteristics</b>	<b>3mm</b>	<b>4mm</b>	<b>5mm</b>	<b>6mm</b>	<b>8mm</b>	<b>10mm</b>
Resistance to fire	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire	A1	A1	A1	A1	A1	A1
External fire performance	NPD	NPD	NPD	NPD	NPD	NPD
Bullet resistance	NPD	NPD	NPD	NPD	NPD	NPD
Explosion Resistance	NPD	NPD	NPD	NPD	NPD	NPD
Burglar Resistance	NPD	NPD	NPD	NPD	NPD	NPD
Pendulum body impact resistance	1C1	1C1	1C1	1C1	1C1	1C1
Resistance against sudden temperature changes and temperature differentials	200K	200K	200K	200K	200K	200K
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD	NPD	NPD
Direct airborne sound insulation	29 (-2;-5)	30 (-2;-4)	30 (-1;-2)	31 (-2;-3)	32 (-1;-2)	34 (-2;-3)
Thermal properties	5.8	5.8	5.8	5.7	5.7	5.6
Radiation properties: light transmission and reflection	0.63 / 0.06	0.57 / 0.06	0.50 / 0.05	0.44 / 0.05	0.34 / 0.05	0.27 / 0.05
Radiation properties: Solar energy characteristics	0.64 / 0.06	0.58 / 0.06	0.52 / 0.06	0.46 / 0.05	0.37 / 0.05	0.30 / 0.05

NPD = No Performance Determined



**Declaration of Performance:** 28<sup>th</sup> June 2013

**MAWBY & KING LTD**, Swan Lake Glass Works, Upperton Road, Leicester. LE2 7AY. United Kingdom

**PILKINGTON 'K' TOUGHENED** glass intended to be used in buildings and construction works. **EN 12150-2.**

<b>Characteristics</b>	<b>4mm</b>
Resistance to fire	NPD
Reaction to fire	A1
External fire performance	NPD
Bullet resistance	NPD
Explosion Resistance	NPD
Burglar Resistance	NPD
Pendulum body impact resistance	1C1
Resistance against sudden temperature changes and temperature differentials	200K
Wind, snow, permanent and imposed load resistance	4mm
Direct airborne sound insulation	29 (-2;-3)
Thermal properties	3.7
Radiation properties: light transmission and reflection	0.82/0.11
Radiation properties: Solar energy characteristics	0.71/0.10

NPD = No Performance Determined





**Declaration of Performance:** 28<sup>th</sup> June 2013

**MAWBY & KING LTD**, Swan Lake Glass Works, Upperton Road, Leicester. LE2 7AY. United Kingdom

**CLEAR SILVERED FLOAT** glass intended to be used in buildings and construction works. **EN 1036-2.**

<b>Characteristics</b>	<b>2mm</b>	<b>3mm</b>	<b>4mm</b>	<b>6mm</b>
Resistance to fire	NPD	NPD	NPD	NPD
Reaction to fire	A1	A1	A1	A1
External fire performance	NPD	NPD	NPD	NPD
Bullet resistance	NPD	NPD	NPD	NPD
Explosion Resistance	NPD	NPD	NPD	NPD
Burglar Resistance	NPD	NPD	NPD	NPD
Pendulum body impact resistance	NPD	NPD	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	40K	40K	40K	40K
Wind, snow, permanent and imposed load resistance	2mm	3mm	4mm	6mm
Direct airborne sound insulation	NPD	28 (-1;-4)	29 (-2;-3)	31 (-2;-3)
Thermal properties	5.8	5.8	5.8	5.7
Radiation properties: light transmission and reflection	NPD	NPD	NPD	NPD
Radiation properties: Solar energy characteristics	NPD	NPD	NPD	NPD

NPD = No Performance Determined



**Declaration of Performance:** 28<sup>th</sup> June 2013

**MAWBY & KING LTD**, Swan Lake Glass Works, Upperton Road, Leicester. LE2 7AY. United Kingdom

**BRONZE SILVERED FLOAT** glass intended to be used in buildings and construction works. **EN 1036-2.**

<b>Characteristics</b>	<b>4mm</b>	<b>6mm</b>
Resistance to fire	NPD	NPD
Reaction to fire	A1	A1
External fire performance	NPD	NPD
Bullet resistance	NPD	NPD
Explosion Resistance	NPD	NPD
Burglar Resistance	NPD	NPD
Pendulum body impact resistance	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	40K	40K
Wind, snow, permanent and imposed load resistance	4mm	6mm
Direct airborne sound insulation	30 (-2;-4)	31 (-2;-3)
Thermal properties	5.8	5.7
Radiation properties: light transmission and reflection	NPD	NPD
Radiation properties: Solar energy characteristics	NPD	NPD

NPD = No Performance Determined



**Declaration of Performance:** 28<sup>th</sup> June 2013

**MAWBY & KING LTD**, Swan Lake Glass Works, Upperton Road, Leicester. LE2 7AY. United Kingdom

**GREY SILVERED FLOAT** glass intended to be used in buildings and construction works. **EN 1036-2.**

<b>Characteristics</b>	<b>4mm</b>	<b>6mm</b>
Resistance to fire	NPD	NPD
Reaction to fire	A1	A1
External fire performance	NPD	NPD
Bullet resistance	NPD	NPD
Explosion Resistance	NPD	NPD
Burglar Resistance	NPD	NPD
Pendulum body impact resistance	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	40K	40K
Wind, snow, permanent and imposed load resistance	4mm	6mm
Direct airborne sound insulation	30 (-2;-4)	31 (-2;-3)
Thermal properties	5.8	5.7
Radiation properties: light transmission and reflection	NPD	NPD
Radiation properties: Solar energy characteristics	NPD	NPD

NPD = No Performance Determined



**Declaration of Performance:** 28<sup>th</sup> June 2013

**MAWBY & KING LTD**, Swan Lake Glass Works, Upperton Road, Leicester. LE2 7AY. United Kingdom

**CLEAR SILVERED FLOAT, SAFETY FILM BACKED** glass intended to be used in buildings and construction works. **EN 1036-2, EN 12150-2.**

<b>Characteristics</b>	<b>3mm</b>	<b>4mm</b>	<b>6mm</b>
Resistance to fire	NPD	NPD	NPD
Reaction to fire	NPD	NPD	NPD
External fire performance	NPD	NPD	NPD
Bullet resistance	NPD	NPD	NPD
Explosion Resistance	NPD	NPD	NPD
Burglar Resistance	NPD	NPD	NPD
Pendulum body impact resistance	2B2	2B2	1B1
Resistance against sudden temperature changes and temperature differentials	40K	40K	40K
Wind, snow, permanent and imposed load resistance	3mm	4mm	6mm
Direct airborne sound insulation	28 (-1;-4)	29 (-2;-3)	31 (-2;-3)
Thermal properties	NPD	NPD	NPD
Radiation properties: light transmission and reflection	NPD	NPD	NPD
Radiation properties: Solar energy characteristics	NPD	NPD	NPD

NPD = No Performance Determined



**Declaration of Performance:** 28<sup>th</sup> June 2013

**MAWBY & KING LTD**, Swan Lake Glass Works, Upperton Road, Leicester. LE2 7AY. United Kingdom

**BRONZE SILVERED FLOAT, SAFETY FILM BACKED** glass intended to be used in buildings and construction works. **EN 1036-2, EN 12150-2.**

<b>Characteristics</b>	<b>4mm</b>	<b>6mm</b>
Resistance to fire	NPD	NPD
Reaction to fire	NPD	NPD
External fire performance	NPD	NPD
Bullet resistance	NPD	NPD
Explosion Resistance	NPD	NPD
Burglar Resistance	NPD	NPD
Pendulum body impact resistance	2B2	1B1
Resistance against sudden temperature changes and temperature differentials	40K	40K
Wind, snow, permanent and imposed load resistance	4mm	6mm
Direct airborne sound insulation	30 (-2;-4)	31 (-2;-3)
Thermal properties	NPD	NPD
Radiation properties: light transmission and reflection	NPD	NPD
Radiation properties: Solar energy characteristics	NPD	NPD

NPD = No Performance Determined



**Declaration of Performance:** 28<sup>th</sup> June 2013

**MAWBY & KING LTD**, Swan Lake Glass Works, Upperton Road, Leicester. LE2 7AY. United Kingdom

**GREY SILVERED FLOAT, SAFETY FILM BACKED** glass intended to be used in buildings and construction works. **EN 1036-2, EN 12150-2**

<b>Characteristics</b>	<b>4mm</b>	<b>6mm</b>
Resistance to fire	NPD	NPD
Reaction to fire	NPD	NPD
External fire performance	NPD	NPD
Bullet resistance	NPD	NPD
Explosion Resistance	NPD	NPD
Burglar Resistance	NPD	NPD
Pendulum body impact resistance	2B2	1B1
Resistance against sudden temperature changes and temperature differentials	40K	40K
Wind, snow, permanent and imposed load resistance	4mm	6mm
Direct airborne sound insulation	30 (-2;-4)	31 (-2;-3)
Thermal properties	NPD	NPD
Radiation properties: light transmission and reflection	NPD	NPD
Radiation properties: Solar energy characteristics	NPD	NPD

NPD = No Performance Determined



**Declaration of Performance:** 28<sup>th</sup> June 2013

**MAWBY & KING LTD**, Swan Lake Glass Works, Upperton Road, Leicester. LE2 7AY. United Kingdom

**LACQUERED FLOAT, SAFETY FILM BACKED** glass intended to be used in buildings and construction works. **EN 12150-2**

<b>Characteristics</b>	<b>4mm</b>	<b>6mm</b>
Resistance to fire	NPD	NPD
Reaction to fire	NPD	NPD
External fire performance	NPD	NPD
Bullet resistance	NPD	NPD
Explosion Resistance	NPD	NPD
Burglar Resistance	NPD	NPD
Pendulum body impact resistance	3B3	3B3
Resistance against sudden temperature changes and temperature differentials	40K	40K
Wind, snow, permanent and imposed load resistance	4mm	6mm
Direct airborne sound insulation	29(2;3)	31(2;3)
Thermal properties	NPD	NPD
Radiation properties: light transmission and reflection	NPD	NPD
Radiation properties: Solar energy characteristics	NPD	NPD

NPD = No Performance Determined