

EC Declaration of Performance

Product Type:	Clear Float Heat Strengthened	
Product Code:	ESG Clear Heat Strengthened 4mm	
Intended Use:	Basic soda lime silicate glass intended to be used in buildings and construction works.	
Manufacturer:	ESG Group Ltd, 1-3 Moss Road, Witham, Essex, CM8 3UQ	
Year marking was affixed:	2012	
System of Attestation of Conformity:	System 4	
Applicable Standard:	EN 1863-2	
Third Party Approval Licence No:	KM511207	
Certification Body & Identification No.	BSI Product Services	0135
Person Empowered to Sign the DOP on behalf of the Manufacturer & Position Held:	Gavin Gunn	HSQ & Technical Manager
Characteristics		
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:	K	*100
Wind, snow, permanent and imposed load resistance:	mm	*4
Direct airborne sound insulation:	dB	*30
Thermal properties:		
- Normal emissivity of coated glass surface:		*0.89
- Thermal transmittance (U-value):	W/(m ² K)	NPD
Radiation properties:		
- Light transmission:		*0.91
- Light reflection:		*0.08
- Solar energy transmission:		*0.90
- Solar energy reflection:		*0.08

NPD = No Performance Determined

*=Performance obtained through glass suppliers EC declaration of performance data.

It is the responsibility of the users of this information to ensure that the intended application of glass products is appropriate and complies with all relevant laws, regulations, standards, codes of practices and other requirements.

EC Declaration of Performance

Product Type:	Clear Float Heat Strengthened	
Product Code:	ESG Clear Heat Strengthened 6mm	
Intended Use:	Basic soda lime silicate glass intended to be used in buildings and construction works.	
Manufacturer:	ESG Group Ltd, 1-3 Moss Road, Witham, Essex, CM8 3UQ	
Year marking was affixed:	2012	
System of Attestation of Conformity:	System 4	
Applicable Standard:	EN 1863-2	
Third Party Approval Licence No:	KM511207	
Certification Body & Identification No.	BSI Product Services	0135
Person Empowered to Sign the DOP on behalf of the Manufacturer & Position Held:	Gavin Gunn	HSQ & Technical Manager
Characteristics		
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:	K	*100
Wind, snow, permanent and imposed load resistance:	mm	*6
Direct airborne sound insulation:	dB	*32
Thermal properties:		
- Normal emissivity of coated glass surface:		*0.89
- Thermal transmittance (U-value):	W/(m ² K)	NPD
Radiation properties:		
- Light transmission:		*0.91
- Light reflection:		*0.08
- Solar energy transmission:		*0.89
- Solar energy reflection:		*0.08

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EC Declaration of Performance

Product Type:	Clear Float Heat Strengthened	
Product Code:	ESG Clear Heat Strengthened 8mm	
Intended Use:	Basic soda lime silicate glass intended to be used in buildings and construction works.	
Manufacturer:	ESG Group Ltd, 1-3 Moss Road, Witham, Essex, CM8 3UQ	
Year marking was affixed:	2012	
System of Attestation of Conformity:	System 4	
Applicable Standard:	EN 1863-2	
Third Party Approval Licence No:	KM511207	
Certification Body & Identification No.	BSI Product Services	0135
Person Empowered to Sign the DOP on behalf of the Manufacturer & Position Held:	Gavin Gunn	HSQ & Technical Manager
Characteristics		
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:	K	*100
Wind, snow, permanent and imposed load resistance:	mm	*8
Direct airborne sound insulation:	dB	*33
Thermal properties:		
- Normal emissivity of coated glass surface:		*0.89
- Thermal transmittance (U-value):	W/(m ² K)	NPD
Radiation properties:		
- Light transmission:		*0.91
- Light reflection:		*0.08
- Solar energy transmission:		*0.88
- Solar energy reflection:		*0.08

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EC Declaration of Performance

Product Type:	Clear Float Heat Strengthened	
Product Code:	ESG Clear Heat Strengthened 10mm	
Intended Use:	Basic soda lime silicate glass intended to be used in buildings and construction works.	
Manufacturer:	ESG Group Ltd, 1-3 Moss Road, Witham, Essex, CM8 3UQ	
Year marking was affixed:	2012	
System of Attestation of Conformity:	System 4	
Applicable Standard:	EN 1863-2	
Third Party Approval Licence No:	KM511207	
Certification Body & Identification No.	BSI Product Services	0135
Person Empowered to Sign the DOP on behalf of the Manufacturer & Position Held:	Gavin Gunn	HSQ & Technical Manager
Characteristics		
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:	K	*100
Wind, snow, permanent and imposed load resistance:	mm	*10
Direct airborne sound insulation:	dB	*35
Thermal properties:		
- Normal emissivity of coated glass surface:		*0.89
- Thermal transmittance (U-value):	W/(m ² K)	NPD
Radiation properties:		
- Light transmission:		*0.88
- Light reflection:		*0.08
- Solar energy transmission:		*0.76
- Solar energy reflection:		*0.07

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EC Declaration of Performance

Product Type:	Clear Float Heat Strengthened	
Product Code:	ESG Clear Heat Strengthened 12mm	
Intended Use:	Basic soda lime silicate glass intended to be used in buildings and construction works.	
Manufacturer:	ESG Group Ltd, 1-3 Moss Road, Witham, Essex, CM8 3UQ	
Year marking was affixed:	2012	
System of Attestation of Conformity:	System 4	
Applicable Standard:	EN 1863-2	
Third Party Approval Licence No:	KM511207	
Certification Body & Identification No.	BSI Product Services	0135
Person Empowered to Sign the DOP on behalf of the Manufacturer & Position Held:	Gavin Gunn	HSQ & Technical Manager
Characteristics		
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:	K	*100
Wind, snow, permanent and imposed load resistance:	mm	*12
Direct airborne sound insulation:	dB	*36
Thermal properties:		
- Normal emissivity of coated glass surface:		*0.89
- Thermal transmittance (U-value):	W/(m ² K)	NPD
Radiation properties:		
- Light transmission:		*0.87
- Light reflection:		*0.08
- Solar energy transmission:		*0.72
- Solar energy reflection:		*0.07

NPD = No Performance Determined

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