NPD

NPD

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Clear Float Heat Soaked			
	ESG Clear	Float 4mm	
Heat soa	Heat soaked thermally toughened soda		
	lime silicate glass intended to be used		
in build	ings and c	onstruction works.	
	ESG Group Ltd, 1-3 Moss Road, Witham, Essex, CM8 3UQ		
	20)12	
	Syst	em 3	
	EN 14	1179-2	
	KM5	11207	
		0135	
Gavin	Gunn	HSQ & Technical	
Gaviii	Guilli	Manager	
	NPD		
	*A1		
	NPD		
К	*40		
mm	*4		
dB	*29	1	
		1	
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	NPD		
vv/(m- K)	NPD		
	NPD		
	NPD		
	Heat soa lime silici in build ESG (W) BSI Pr Serv Gavin	ESG Clear Heat soaked therm lime silicate glass i in buildings and c ESG Group Ltd, Witham, Ess 20 Syst EN 14 KM5 BSI Product Services Gavin Gunn NPD *A1 NPD	

NPD = No Performance Determined

Solar energy transmission:

Solar energy reflection:

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

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Product Type:	Product Type: Clear Float Heat Soaked			
Product Code:		ESG Clear Float 5mm		
Froduct code.	Heat see			
Intended Use:		Heat soaked thermally toughened soda lime silicate glass intended to be used		
intended Ose.		•	onstruction works.	
			1-3 Moss Road,	
Manufacturer:		•	ex, CM8 3UQ	
Year marking was affixed:)12	
System of Attestation of Conformity:		Syst	em 3	
Applicable Standard:		<u> </u>	179-2	
Third Party Approval Licence No:		KM5	11207	
	BSI Pr	oduct		
Certification Body & Identification No.		vices	0135	
Person Empowered to Sign the DOP on behalf of the	Cavin	Gunn	HSQ & Technical	
Manufacturer & Position Held:	Gavin	Gunn	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		* 40		
temperature differentials:	К	*40		
Wind, snow, permanent and imposed load resistance:	mm	*5		
Direct airborne sound insulation:	dB	*30		
Thermal properties:				
 Normal emissivity of coated glass surface: 		NPD		
 Thermal transmittance (U-value): 	W/(m² K)	NPD		
Radiation properties:				
- Light transmission:		NPD		
- Light reflection:		NPD		
- Solar energy transmission:		NPD		
- Solar energy reflection:		NPD		
NDD - No Parformance Determined				

NPD = No Performance Determined

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

Product Type:	Clear Float Heat Soaked		
Product Code:	ESG Clear	Float 6mm	
	Heat soaked thermally toughened soda		
Intended Use:	lime silicate glass intended to be used		
	in buildings and construction works.		
Manufacturer:	ESG Group Ltd, 1-3 Moss Road,		
Than discussion	Witham, Essex, CM8 3UQ		
Year marking was affixed:	2012		
System of Attestation of Conformity:	System 3		
Applicable Standard:	EN 14179-2		
Third Party Approval Licence No:	KM511207		
Certification Body & Identification No.	BSI Product	0135	
certification body & identification no.	Services	0133	
Person Empowered to Sign the DOP on behalf of the	Gavin Gunn	HSQ & Technical	
Manufacturer & Position Held:	Manager		
Characteristics			

Resistance to fire: **NPD** *A1 Reaction to fire: External fire performance: NPD **Bullet resistance:** NPD Explosion resistance: NPD NPD Burglar resistance: Pendulum body impact resistance: NPD Resistance against sudden temperature changes and *40 Κ temperature differentials: Wind, snow, permanent and imposed load resistance: *6 mm Direct airborne sound insulation: *31 dB Thermal properties: Normal emissivity of coated glass surface: NPD $W/(m^2 K)$ Thermal transmittance (U-value): NPD Radiation properties: Light transmission: NPD Light reflection: NPD Solar energy transmission: NPD

NPD = No Performance Determined

Solar energy reflection:

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.

NPD

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

*32

NPD

NPD

NPD

NPD

NPD NPD

dB

 $W/(m^2 K)$

EC Declaration of Performance

Product Type:	Clear Float Heat Soaked			
Product Code:		ESG Clear Float 8mm		
		Heat soaked thermally toughened soda		
Intended Use:	lime silid	lime silicate glass intended to be used		
	in build	lings and c	onstruction works.	
Manufacturer:		•	1-3 Moss Road, ex, CM8 3UQ	
Year marking was affixed:	VV	•)12	
-				
System of Attestation of Conformity:		Syst	em 3	
Applicable Standard:		EN 14	1179-2	
Third Party Approval Licence No:		KM511207		
Certification Body & Identification No.		oduct vices	0135	
Person Empowered to Sign the DOP on behalf of the	Gavin Gunn		HSQ & Technical	
Manufacturer & Position Held:	Gavin	Guiii	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	1	
Resistance against sudden temperature changes and temperature differentials:	К	*40		
Wind, snow, permanent and imposed load resistance:	mm	mm *8		
· · · · · · · · · · · · · · · · · · ·				

NPD = No Performance Determined

Solar energy transmission:

Solar energy reflection:

Light transmission:

Light reflection:

Direct airborne sound insulation:

Normal emissivity of coated glass surface:

Thermal transmittance (U-value):

Thermal properties:

Radiation properties:

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

Product Type: Product Code:

Intended Use:

Manufacturer:

Year marking was affixed:

Applicable Standard:

System of Attestation of Conformity:

EC Declaration of Performance

mance	ϵ
Clear Float He	eat Soaked
ESG Clear Flo	oat 10mm
Heat soaked thermall	y toughened soda
lime silicate glass into	ended to be used
in buildings and con	struction works.
ESG Group Ltd, 1-	-3 Moss Road,
Witham, Essex	, CM8 3UQ
2012	2

System 3

EN 14179-2

0135

HSQ & Technical Manager

Third Party Approval Licence No:		KM5	11207
Certification Body & Identification No.	_	BSI Product Services	
Person Empowered to Sign the DOP on behalf of the Manufacturer & Position Held:	Gavin	Gavin Gunn	
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:	К	*40	
Wind, snow, permanent and imposed load resistance:	mm	*10	
Direct airborne sound insulation:	dB	*33	1
Thermal properties:			
 Normal emissivity of coated glass surface: 	W/(m² K)	NPD	
- Thermal transmittance (U-value):	VV/(III-K)	NPD	
Radiation properties:			
 Light transmission: 		NPD	
- Light reflection:		NPD	
- Solar energy transmission:		NPD	
- Solar energy reflection:		NPD	

NPD = No Performance Determined

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

TESG (F

EC Declaration of Performance

Product Type:		Clear Float Heat Soaked		
Product Code:		ESG Clear Float 12mm		
		Heat soaked thermally toughened soda		
Intended Use:		lime silicate glass intended to be used		
			onstruction works.	
Manufacturer:		•	1-3 Moss Road, ex, CM8 3UQ	
Year marking was affixed:		20)12	
System of Attestation of Conformity:		Syst	em 3	
Applicable Standard:		EN 14	1179-2	
Third Party Approval Licence No:		KM5	11207	
Certification Body & Identification No.		oduct vices	0135	
Person Empowered to Sign the DOP on behalf of the	Gavin	Gunn	HSQ & Technical	
Manufacturer & Position Held:	Gaviii	Guilli	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:	К	*40		
Wind, snow, permanent and imposed load resistance:	mm	*12		
Direct airborne sound insulation:	dB	*34		
Thermal properties:				
 Normal emissivity of coated glass surface: 	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	NPD		
 Thermal transmittance (U-value): 	W/(m² K)	NPD		
Radiation properties:				
- Light transmission:		NPD		
- Light reflection:		NPD		
- Solar energy transmission:		NPD		
- Solar energy reflection:		NPD		

NPD = No Performance Determined

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

TESG (E

EC Declaration of Performance

Duradicat Times		daaa Eleesii	Heat Casks d	
Product Type:	Clear Float Heat Soaked			
Product Code:	ESG Clear Float 15mm			
		Heat soaked thermally toughened soda		
Intended Use:		-	ntended to be used	
			onstruction works.	
Manufacturer:		•	1-3 Moss Road, ex, CM8 3UQ	
Year marking was affixed:		20)12	
System of Attestation of Conformity:		Syst	em 3	
Applicable Standard:		EN 14	179-2	
Third Party Approval Licence No:		KM5:	11207	
Certification Body & Identification No.		oduct vices	0135	
Person Empowered to Sign the DOP on behalf of the	Gavin	Gunn	HSQ & Technical	
Manufacturer & Position Held:	Gaviii	Guilli	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:	К	*40		
Wind, snow, permanent and imposed load resistance:	mm	*15		
Direct airborne sound insulation:	dB	*37		
Thermal properties:				
- Normal emissivity of coated glass surface:	\A(II)	NPD		
 Thermal transmittance (U-value): 	W/(m² K)	NPD		
Radiation properties:				
- Light transmission:		NPD		
- Light reflection:		NPD		
- Solar energy transmission:		NPD		
- Solar energy reflection:		NPD		

NPD = No Performance Determined

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

Due do et Toure	_	daaa Eleer	Haat Caalud	
Product Type:	Clear Float Heat Soaked			
Product Code:	ESG Clear Float 19mm			
		Heat soaked thermally toughened soda		
Intended Use:		lime silicate glass intended to be used		
			onstruction works.	
Manufacturer:		•	1-3 Moss Road, ex, CM8 3UQ	
Year marking was affixed:		20)12	
System of Attestation of Conformity:		Syst	em 3	
Applicable Standard:		EN 14	1179-2	
Third Party Approval Licence No:		KM5:	11207	
Certification Body & Identification No.		oduct vices	0135	
Person Empowered to Sign the DOP on behalf of the	Gavin	Gunn	HSQ & Technical	
Manufacturer & Position Held:	Gavin Gunn		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:	К	*40		
Wind, snow, permanent and imposed load resistance:	mm	*19		
Direct airborne sound insulation:	dB *38			
Thermal properties:				
- Normal emissivity of coated glass surface:		NPD		
- Thermal transmittance (U-value):	W/(m² K)	NPD		
Radiation properties:				
- Light transmission:		NPD		
- Light reflection:		NPD		
- Solar energy transmission:		NPD		
- Solar energy reflection:		NPD		

NPD = No Performance Determined

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