

Kitemark™ Certificate

This is to certify that:

ESG Group Limited
1 Freebournes Road,
Witham
CM8 3UN
United Kingdom

Holds Certificate Number:

KM 511207

In respect of:

BS EN 12150
Safety glass for use in buildings

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.

For and on behalf of BSI:

Shahm Barhom, Group Product Certification Director

First Issued: 2016-07-04

Latest Issue: 2024-12-17

Effective Date: 2024-12-17

Expiry Date: 2027-11-30



Kitemark™ Certificate

No. KM 511207

BS EN 12150-1:2000 - Thermally toughened soda lime silicate safety glass.

BS EN 14179-1:2005 - Heat soaked thermally toughened soda lime silicate safety glass.

BS EN 14449:2005 - Laminated glass and laminated safety glass.

Clear/Low iron/Tinted toughened/heat soaked glass meeting Impact Class 1 (BS EN 12600)

Thickness (mm)	Tolerance (mm)
4.0	±0.2
5.0	±0.2
6.0	±0.2
8.0	±0.3
10.0	±0.3
12.0	±0.3
15.0	±0.5
19.0	±1.0

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To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

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Clear laminated float safety glass meeting Impact Class 1 (BS EN 12600) with the following thickness combinations

Glass Thickness (mm)	4	5	6	8	10	12	15	19	Interlayer Thickness (mm)
4	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	
	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
5	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	1.50
	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
6	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	1.50
	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
8	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	1.50
	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
10	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	1.50
	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
12	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	1.50
	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
15	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	1.50
	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
19	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	1.50
	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	

Note: Heat strengthened glass can also be used for laminated safety glass in the following thicknesses: -

Thickness (mm)	Tolerance (mm)
4.0	±0.2
5.0	±0.2
6.0	±0.2
8.0	±0.3
10.0	±0.3
12.0	±0.3

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Patterned toughened glass meeting Impact Class A (BS 6206) and Class 1 (BS EN 12600) in 4mm and 5mm thickness

Autumn	Contour	Mayflower	Digital
Arctic	Everglade	Oak	Warwick
Chantilly	Flemish	Stippolyte	Corifloe
Cotswold	Florielle	Sycamore	Minster
Charcoal Sticks	Taffeta	Pelerine	

Coated toughened glass meeting Impact Class A (BS 6206) and Class 1 (BS EN 12600)

Coating	Thickness (mm)	Tolerance (mm)
Pilkington K	4.0	±0.2
Pilkington K	5.0	±0.2
Pilkington K	6.0	±0.2
Planitherm Total +	4.0	±0.2
Planitherm Total +	5.0	±0.2
Planitherm Total +	6.0	±0.2

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