

## Kitemark™ Certificate

This is to certify that:

ESG Group Limited  
Units 1-3, Moss Road  
Witham  
CM8 3UQ  
United Kingdom

Holds Certificate Number:

KM 511207

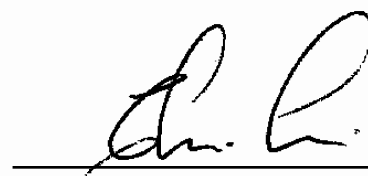
In respect of:

**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:



Chris Lewis - Certification Director, Product Certification

First Issued: 2016-07-04

Latest Issue: 2019-01-14

Effective Date: 2019-01-14

Expiry Date: 2021-12-23



Page: 1 of 3

...making excellence a habit.™

# 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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Page: 2 of 3

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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.

# Kitemark™ Certificate

No. KM 511207

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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