



Kitemark™ Licence

This is to certify that:

Float Glass Industries Limited

Float Glass House
Floats Road
Roundthorn Industrial Estate
Manchester
M23 9QA
United Kingdom

Holds Kitemark Licence Number:

KM 533346

In respect of:

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 Licence 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 Licence provided at or from the above address.

For and on behalf of BSI:

Gary Fenton, Global Assurance Director

First Issued: 17/06/2008

Latest Issue: 16/04/2013



No. KM 533346

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

Clear/tinted toughened glass meeting Impact Class A (BS 6206) and 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 |

First Issued: 17/06/2008

Latest Issue: 16/04/2013

Page 2 of 7

No. KM 533346

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

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 | 6.0 | ±0.2 |
| Eclipse Advantage Grey | 6.0 | ±0.2 |
| Pilkington KS | 4.0 | ±0.2 |
| Pilkington KS | 6.0 | ±0.2 |
| Pilkington KOW | 4.0 | ±0.2 |
| Pilkington S3 Pro T | 4.0 | ±0.2 |
| Pilkington S3 Pro T | 6.0 | ±0.2 |
| Planitherm Total 1.1 | 8.0 | ±0.3 |
| Planitherm Total 1.1 | 10.0 | ±0.3 |
| Planitherm Ultra N ii | 10.0 | ±0.3 |
| Planitherm 4 Seasons II | 4.0 | ±0.2 |
| Planitherm Total + | 4.0 | ±0.2 |
| Planitherm Total + | 6.0 | ±0.2 |

First Issued: 17/06/2008

Latest Issue: 16/04/2013

Page 3 of 7

No. KM 533346

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

| Coating | Thickness (mm) | Tolerance (mm) |
|----------------------|----------------|----------------|
| Planitherm One ii | 6.0 | ±0.2 |
| Planitherm Ultra N | 6.0 | ±0.2 |
| Coolite SKN 154ii | 6.0 | ±0.2 |
| Coolite SKN 154ii | 10.0 | ±0.3 |
| Coolite SKN 165ii | 6.0 | ±0.2 |
| Coolite SKN 165ii | 8.0 | ±0.3 |
| Coolite SKN 165ii | 10.0 | ±0.3 |
| Coolite SKN 174ii | 6.0 | ±0.2 |
| Coolite SKN 174ii | 8.0 | ±0.3 |
| Coolite SKN 174ii | 10.0 | ±0.3 |
| Coolite SKN 155ii | 8.0 | ±0.3 |
| Bioclean ST150 | 6.0 | ±0.2 |
| Guardian HS SN 62/34 | 6.0 | ±0.2 |
| Guardian HS SN 62/34 | 8.0 | ±0.3 |
| Guardian HS SN 62/34 | 10.0 | ±0.3 |
| Guardian HS SN 51/28 | 6.0 | ±0.2 |
| Guardian HS SN 51/28 | 8.0 | ±0.3 |

First Issued: 17/06/2008

Latest Issue: 16/04/2013

No. KM 533346

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

| Coating | Thickness (mm) | Tolerance (mm) |
|--------------------------------|----------------|----------------|
| Guardian HS SN 51/28 | 10.0 | ±0.3 |
| Guardian HS SN 70/41 | 6.0 | ±0.2 |
| Guardian HS SN 70/41 | 8.0 | ±0.3 |
| Guardian HS SN 70/41 | 10.0 | ±0.3 |
| Guardian HS SN 70/37 | 6.0 | ±0.2 |
| Guardian HS SN 70/37 | 8.0 | ±0.3 |
| Climaguard A | 4.0 | ±0.2 |
| Climaguard A | 6.0 | ±0.2 |
| Climaguard A | 8.0 | ±0.3 |
| Guardian Neutral 60/40 | 6.0 | ±0.2 |
| Sunguard HP Neutral Plus 50/32 | 6.0 | ±0.2 |
| Sunguard Solar Silver Grey 32 | 6.0 | ±0.2 |
| Planibel A | 4.0 | ±0.2 |
| Planibel A | 6.0 | ±0.2 |

First Issued: 17/06/2008

Latest Issue: 16/04/2013

Page 5 of 7

No. KM 533346

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

| Coating | Thickness (mm) | Tolerance (mm) |
|--------------------------|----------------|----------------|
| Energy NT | 4.0 | ±0.2 |
| Energy NT | 6.0 | ±0.2 |
| Energy NT | 8.0 | ±0.3 |
| Pilkington Suncool 70/40 | 6.0 | ±0.2 |
| Pilkington Suncool 70/40 | 8.0 | ±0.3 |
| Pilkington Suncool 70/40 | 10.0 | ±0.3 |
| Pilkington Suncool 70/35 | 6.0 | ±0.2 |
| Pilkington Suncool 70/35 | 8.0 | ±0.3 |
| Pilkington Suncool 70/35 | 10.0 | ±0.3 |
| Pilkington Suncool 66/33 | 6.0 | ±0.2 |
| Pilkington Suncool 66/33 | 8.0 | ±0.3 |
| Pilkington Suncool 66/33 | 10.0 | ±0.3 |
| Pilkington Suncool 66/30 | 6.0 | ±0.2 |
| Pilkington Suncool 66/30 | 8.0 | ±0.3 |
| Pilkington Suncool 66/30 | 10.0 | ±0.3 |
| Pilkington Suncool 50/25 | 6.0 | ±0.2 |

First Issued: 17/06/2008

Latest Issue: 16/04/2013

No. KM 533346

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

| Coating | Thickness (mm) | Tolerance (mm) |
|--------------------------|----------------|----------------|
| Pilkington Suncool 50/25 | 8.0 | ±0.3 |
| Pilkington Suncool 50/25 | 10.0 | ±0.3 |
| Pilkington Suncool 40/22 | 6.0 | ±0.2 |
| Pilkington Suncool 40/22 | 8.0 | ±0.3 |
| Pilkington Suncool 40/22 | 10.0 | ±0.3 |
| Pilkington Suncool 30/17 | 6.0 | ±0.2 |
| Pilkington Suncool 30/17 | 8.0 | ±0.3 |
| Pilkington Suncool 30/17 | 10.0 | ±0.3 |
| Pilkington Suncool 50/27 | 6.0 | ±0.2 |
| Pilkington Suncool 50/27 | 8.0 | ±0.3 |
| Pilkington Suncool 50/27 | 10.0 | ±0.3 |
| Pilkington Suncool 50/30 | 6.0 | ±0.2 |
| Pilkington Suncool 50/30 | 8.0 | ±0.3 |
| Pilkington Suncool 50/30 | 10.0 | ±0.3 |

First Issued: 17/06/2008

Latest Issue: 16/04/2013

Page 7 of 7