



PILKINGTON

EC Declaration of Conformity

CE DoC 013



The undersigned, representing the following:

Manufacturer

**Pilkington Group Limited
Head Office
Prescot Road
St Helens
WA10 3TT
United Kingdom**

Manufacturing plants: See IGUs Product Matrix P 2012 AT104 (Technical File)

herewith declare that the product Pilkington Insulight™ Insulating Glass Units (excluding intended use fire resistance)

is in conformity with the provisions of the following EC Directive(s) when installed in accordance with the installation instructions contained in the product documentation:

89/106/EEC Construction Products Directive

and that the product standard referenced below has been applied:

EN 1279-5: Glass in building – Insulating Glass Units – Part 5: Evaluation of conformity/Product standard

and that the supporting standards referenced below have been applied:

EN 410: Glass in building – Determination of luminous and solar characteristics of glazing

EN 673: Glass in building – Determination of thermal transmittance (U value) – Calculation method

EN 1279-1: Glass in building – Basic soda lime silicate glass products – Part 1: Generalities, dimensional tolerances and rules for the system description

EN 1279-2: Glass in building – Basic soda lime silicate glass products – Part 2: Long term test method and requirements for moisture vapour penetration

EN 1279-3: Glass in building – Basic soda lime silicate glass products – Part 3: Long term test method and requirements for gas leakage rate and for gas concentration tolerances

EN 1279-4: Glass in building – Basic soda lime silicate glass products – Part 4: Method for test for the physical attributes of edge seals

EN 1279-6: Glass in building – Basic soda lime silicate glass products – Part 6: Factory production control and periodic tests

EN 12758: Glass in building – Glazing and airborne sound insulation – Product descriptions and determination of properties

EN 13501-1: Fire classification of construction products and building elements – Part 1: Classification using test data from reaction to fire tests

EN 13501-2: Fire classification of construction products and building elements – Part 2: Classification using test data from fire resistance tests, excluding ventilation services

Provisions to which the product conforms:

Directive	Product standard	Report
Construction Products Directive	EN 1279-5	See Technical File

Characteristic	Performance declaration	Report
Resistance to fire	NPD	N/A
Reaction to fire	NPD	N/A
External fire performance	NPD	N/A
Bullet resistance	NPD (See Note 2, below)	N/A
Explosion resistance	NPD (See Note 2, below)	N/A
Burglar resistance	NPD (See Note 2, below)	N/A
Pendulum body impact resistance	(See Note 1, below)	N/A
Resistance against sudden temperature changes and temperature differentials	(See Notes 1 and 3, below)	N/A
Wind, snow, permanent and imposed load resistance	(See Note 1, below)	N/A
Direct airborne sound insulation	(See Note 1, below)	EN 12758 For igus with Optilam™ Phon: P-BA 259/2000, P-BA 260/2000, P-BA 261/2000, P-BA 262/2000, P-BA 266/2000, P-BA 268/2000, P-BA 269/2000, P-BA 21/2001, B.565.5.2030.CR 1 - 6
Thermal properties	(See Note 1, below)	Pilkington Spectrum
Radiation properties:		
Light transmittance and reflectances	(See Note 1, below)	Pilkington Spectrum
Solar transmittance and reflectances	(See Note 1, below)	Pilkington Spectrum

Note 1: Dependent upon the IGU construction. Declared values for each characteristic can be found at www.pilkington.com/CE

Note 2: Or the declared value for the characteristic of the component glass on the non-attack face

Note 3: Or the declared value for the characteristic of the component glass with the lowest classification

Description of the product: Pilkington Insulight™ insulating glass units

Insulating glass unit, intended to be used in buildings and construction works. [‘System description for Pilkington Insulight™ Insulating Glass Units’ P 2012 AT96 – Technical File.]

Name and address of notified laboratories involved:



IFT, PO Box 10 04 51, Rosenhiem 83004, Germany, notified under registration number 0757

BSI Product Services, Maylands Avenue, Hemel Hempstead, Hertfordshire, HP2 4SQ, UK, notified under registration number 0086

Fraunhofer Institut Bauphysik, Nobelstr. 12, D-70569 Stuttgart, Germany, notified under registration number 1004

Centre D’Expertise du Batiment et Travaux Publics (CEBTP), Direction Regionale Ile-de-France, Domaine de Saint-Paul, 102 Route de Limours, 78471, Saint Remy Les Chev Reuse Cedex, France, notified under registration number 0074

Spectroscopy Laboratory (Pilkington Technical Centre), Hall Lane, Lathom, L40 5UF, United Kingdom, notified under registration number 1680

	
Name: Reinhard Banasch Position: Commercial Director, BPE Date: 1st March 2007	Name: Nick Shore Position: Processing Operators Director, BPE Date: 1st March 2007