



Number	K49244/01	Replaces	-
Issued	2009-03-15	Dated	-
Valid until	Indefinite	Page	1 of 3

**Insulating double glazing
Press-Glas S.A.**

STATEMENT BY KIWA

This Product Certificate was issued on the basis of Evaluation Guideline 2201 "Insulating double glazing for thermal insulation", dated 2006-09-28, in conformity with the Kiwa Regulations for Product Certification.

Kiwa declares that:

- the products manufactured by the certificate holder may be relied upon to meet the technical specifications laid down in this Product Certificate, provided such products have been provided with the KOMO[®] mark in the manner stated in this Product Certificate.

For the acknowledgment of this certificate by the Dutch Minister of Housing, Regional Development and the Environment (VROM) and the Dutch Minister of Transport and Public Works, reference is made to the "Summary of acknowledged quality certificates in the construction sector" on the website of the Dutch Building Quality Foundation Stichting Bouwkwaliiteit (SBK): www.bouwkwaliiteit.nl.

Bouke Meekma
Director Kiwa N.V.

Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.

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**Dutch Building Decree
bears CE**

<p>The following has been assessed: quality system product Periodic inspection</p>

Insulating double glazing

Dutch Building Decree

Nr	Afdeling	Grenswaarde/ bepalingsmethode	Prestaties volgens kwaliteitsverklaring	Opmerkingen i.v.m. toepassing
5.1	Thermische isolatie	Warmtedoorgangs- coëfficiënt $\leq 4,2 \text{ W}/(\text{m}^2\text{K})$ volgens NEN 1068	Tabel U-waarden	De U-waarde wordt bepaald volgens NEN-EN 673

PRODUCT SPECIFICATION

Technical specification of the product

Composition

The products can be composed from:

- Float glass, as described in NEN-EN 572-2;
- Mass colored float glass as described in NEN-EN 572-2;
- Polished wired glass as described in NEN-EN 572-3;
- Heat strenghtened glass conform NEN 3568
- Laminated glass; floatglas as described in NEN-EN 572-2 (chemically strenghtened glass is also possible) of which the sheets are layered with PVB (Polyvinyl-butyril), or an equivalent material, joint as a layered sheet;
- Thermaly toughened glass as described in the national BRL 2206

Ornamental glazing is excluded from KOMO-marking.

Edge Seal

The applied sealant has to comply with Annex III of BRL 2201. The applied outersealant is of type B (Polyurethan) or type C (Polysulfide).

Cavity

The cavity width is not limited in this certificate.

The products are constructed without additional constructions in the cavity (like glass in lead, crossbars, etc.)

Thermal Insulation

The U-value of the products is in between 2,6 en 3,3 W/m²K as described the NEN-EN 673. The value is based on the cavity width.

Marking

The products are marked with the KOMO-mark: a yellow field with black print KOMO and the text: "K49244 IDG (Thermische Isolatie)" or "KOMO-K49244" on the production sticker or on the spacer.

Further obligatory markings used at least once on the spacer of each unit:

EN-standard: EN 1279
 Naam Producer: Press-Glas SA
 Production date en time: jjjj/mm/dd hh:mm
 Order nr.: bijv. Z/15360/2007 p. 16
 Productname: Float 4-8mm/ spouwbreedte /Float 4-8mm, Float 4-8mm / spouwbreedte / Laminated glass 33.1-44.4
 Insulation value: Ug = X.X
 Dimensions: mm x mm

Insulating double glazing

RECOMMENDATIONS FOR USERS

1. The products are intended for vertical glazing in windows and doors. For the following applications the manufacturer should be consulted:
 - 1.1 For the application of mass colored class, because of possible thermal tensions.
 - 1.2 For the application of mass colored class changes in color can occur when different thicknesses are used.
 - 1.3 For applications other than vertical glazing;
 - 1.4 For the use of IDG in existing building the NPR 3577: "Beglazen van gebouwen" should be used.
2. For the correct way of storing and transport consult the manufacturers' application manual.
3. Check at the time of delivery whether:
 - 3.1 the producer has delivered in conformity with the agreement;
 - 3.2 the mark and marking method are correct;
 - 3.3 the products do not show any visible defects due to transport etc.
4. If you should reject a product on the basis of the above, please contact:
 - 4.1 Press-Glas SA
and, if necessary,
 - 4.2 Kiwa N.V.

LIST OF DOCUMENTS*

NEN-EN 572-2	Glas voor gebouwen – Basisproducten van natronkalkglas – Deel 2: Floatglas
NEN-EN 572-3	Glas voor gebouwen – Basisproducten van natronkalkglas – Deel 3: Gepolijst draadglas
NEN-EN 1279-5	Glas voor gebouwen – Isolerend glas – Deel 5:m Conformiteitsbeoordeling
NEN-EN 12150-2	Glas voor gebouwen – Thermisch gehard natronkalk veiligheidsglas – Deel 2: conformiteitsbeoordeling/Productnorm
BRL 2206	Thermisch versterkt glas
NPR 3577	Beglazen van gebouwen, 2008

* Correct versions are named in BRL 2201