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## TEST REPORT No 2005B COU 2566c

N/Réf. : MCO/CRD-COU-2566c

V/Réf. : Lettre de Mr. Dubru du 29 août 2005

Consisting of 4 pages

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Mons, September 9<sup>th</sup>, 2005

**REQUESTED BY :** GLAVERBEL CRD

For the attention of Mr. DUBRU

Rue de l'Aurore, 2

B-6040 JUMET

**REQUEST REFERENCE :** Letter from Mr. Dubru of August 29<sup>th</sup>, 2005

**SAMPLE DESCRIPTION :** Float glass pieces

**SAMPLE NUMBER AND IDENTIFICATION :** 12 samples of float glass  
CCOU2566

**PURPOSE OF THE REQUEST :** Measurement of the thickness according to NBN EN 572-2  
Measurement of the chemical composition according to NBN EN 572-1.

**SAMPLES RECEIVED ON :** September 1<sup>st</sup>, 2005 **TEST STARTING DATE :** September 2<sup>nd</sup>, 2005

**SPECIAL REMARKS :** \* BELTEST accredited tests

**This report only guarantees the conformity of the samples subjected to testing.**

<p style="text-align: center;"><b>Glass in building – Basic soda lime glass</b> <b>Evaluation of conformity EN 572-9</b></p>
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**1. Producer**

Glaverbel S.A.

**2. Production plant(s) - (EN572-9; 5.2.1.1)**

The concerned production lines are mentioned with the initial data given by the producer (product file description).

**3. Product(s) description**

- Glass defined as "Float glass" flat, transparent, clear or tinted soda-lime silicate glass having parallel and polished faces obtained by continuous casting and floatation on a metal bath (NBN EN 572-1).
- Concerned thickness(es)  
Float glass clear and coloured from 3 to 25 mm.

**4. Characteristics and performances measured by the notified body (id. N° 1174)**

- Actual thicknesses (EN 572-2 – 4.1).
- Chemical analysis (EN 572-1 – 5.1).

The declared values as well as the measured values are mentioned on the tables here after.

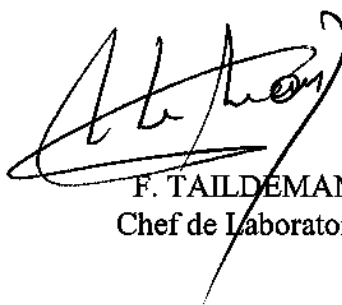
The measured values may be introduced in any declaration of conformity allowing the CE mark on the concerned product(s) according to the annex Z.A.3 of the EN 572-9.

5. Measurement of the thickness according to the NBN EN 572-2 – 4.1

See table 1.

6. Chemical analysis according to the NBN EN 572-1 – 5.1

See table 2.



F. TAILDEMAN  
Chef de Laboratoire



S. LANGE  
J.M. MALEMPRE  
Chef de Service  
"Vitrages & Composants"

Table 1

Nominal thickness (mm)	Actual thickness (mm)				Specification EN 572-2 (mm) (1)
3,0	3,09	3,10	3,10	3,09	± 0,2
4,0	3,91	3,91	3,91	3,91	± 0,2
5,0	4,93	4,92	4,92	4,93	± 0,2
6,0	5,89	5,91	5,90	5,90	± 0,2
8,0	8,04	8,04	8,04	8,03	± 0,3
10,0	9,95	9,89	9,89	9,93	± 0,3
12,0	11,84	11,84	11,84	11,84	± 0,3
15,0	14,72	14,70	14,71	14,71	± 1,0
19,0	18,38	18,43	18,39	18,39	± 1,0
25,0	24,47	24,56	24,42	24,55	± 1,0

(1) Accepted tolerance refer to the nominal thickness.

Table 2

Component	Specification (%)	Glass Moustier
SiO <sub>2</sub>	69 to 74	71,63
CaO	5 to 14	8,73
Na <sub>2</sub> O	10 to 15	13,95
MgO	0 to 6	4,34
Al <sub>2</sub> O <sub>3</sub>	0 to 3	0,86
Other	0 to 5	0,38



Accreditation nr. 37-T  
according to ISO 17025

**OFFICIAL ACKNOWLEDGEMENT**

**AUTHORIZED TESTS**



**Notified body (Id.N°1174) according to ART.18 of the « Construction Products Directive » CPD 89/106/EEC**



**Authorized by the Belgian organization for technical approval in building (UBAtc)**

- Glazing Appearance and geometry
- Photometric and energetic characteristics
- Coated glass durability
- Insulating glass performances
- Mirrors
- Impact resistance of security glazing
- Dessicants for insulating glass
- Sealants for Insulating glass assembling
- Structural glazing sealants



**Authorized by the Belgian public federal service for transportation**

- Homologation tests of safety glazing for automotive  
( UN R.43 - CEE 92/22 and 89/173 )



**Authorized by the Automotive Manufacturers Equipment Compliance Agency, Inc ( AMECA - Washington - U.S.A. )**

- Homologation tests of safety glazing for automotive( ANSI Z26.1 )



**Authorized by "Eisenbahn – Bundesamt" (EBA – Deutschland)**

- Optical properties – Safety glazing for railway vehicles