



Avenue Gouverneur Cornez, 4
B-7000 MONS (Belgium)
Tél. (065)40.34.34
Fax (065)34.80.05

T.V.A. : BE 0413.106.271
RC MONS : 130.828 - Enregistrement : 08/02/01

www.bcrc.be



N° d'accréditation : 32-Test
selon ISO 17025

TEST REPORT : N° 2008B SEC 3056

Including 4 pages + 4 annexes
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Mons, May 5th, 2008

REQUESTED BY : **AGC FLAT GLASS EUROPE**
Chaussée de la Hulpe, 116
B 1170-Bruxelles
BELGIQUE

REFERENCE OF THE REQUESTED : Mail 08/04/2008

CONCERNED MANUFACTURER: **ASAHI GLASS Co LTD**
KEIHIN PLANT
SUEHIROCO, TSURUMI-KU, YOKOHAMA SHI 1-1
230-0042 KANAGAWA
JAPAN

NUMBER OF SAMPLES AND IDENTIFICATION : **Polished Wired glass - See page 2**

PURPOSE OF THE REQUEST : **TEST ON SAFETY GLASS IN COMPLIANCE WITH THE
REQUIREMENTS OF THE STANDARD EN 12600 (PENDULAR
TEST)***

SAMPLES RECEIVED ON : 16/04/2008

TESTING DATE : 29/04/2008

* Test under accreditation

COMMENTS :



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

Description OF THE SAMPLES

Manufacturer : **ASAHI GLASS Co LTD**
 KEIHIN PLANT
 SUEHIROCO, TSURUMI-KU, YOKOHAMA SHI 1-1
 230-0042 KANAGAWA
 JAPAN
Production site : /
Commercial name of the product : /
Customer's references : **Polished Wired Glass**
Internal reference : CSEC 3056
Sampling : Under responsibility of the manufacturer
Sampling information : Traceability of the samples is under responsibility of the manufacturer.
Number of samples : 8 samples (1978 * 876 mm)
Structural composition of the samples :

COMPONENTS	TYPE	NOMINAL THICKNESS	TREATMENT	
			Physical	Chemical
1	Polished Wired Glass	7 mm	-	-
2	Wire	0.5 mm		
3				

Integration of an electronic system or alarm component : None
Witness : M. Nokerman

**TEST ON SAFETY GLASS IN COMPLIANCE WITH
 THE REQUIREMENTS OF THE STANDARD EN 12600
 (Pendular test)**

Tested side : Glass thickness : 2.5 mm before wire

On 4 samples

Dimension : 876*1938 mm

Testing date : 29/04/2008

Temperature in the test room: 23 °C

Conditioning time at that temperature: 13 days

Equipment : calibration January 27th, 2006

Test piece number	Actual thickness (mm)	Drop height (mm)	Inspection of the test piece after impact
1	7.33	190	Intact
2	7.35	190	Intact
3	7.34	190	Intact
4	7.34	190	Intact

Tested side : Glass thickness : 4.5 mm before wire

On 4 samples

Dimension : 876*1938 mm

Testing date : 29/04/2008

Temperature in the test room: 23 °C

Conditioning time at that temperature: 13 days

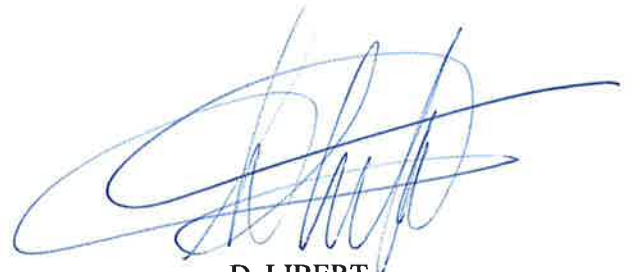
Equipment : calibration January 27th, 2006

Test piece number	Actual thickness (mm)	Drop height (mm)	Inspection of the test piece after impact
5	7.30	190	Broken in compliance with § 4.a Tear see annex
6	7.35	190	Broken in compliance with § 4.a Tear see annex

Test piece number	Actual thickness (mm)	Drop height (mm)	Inspection of the test piece after impact
7	7.40	190	Broken in compliance with § 4.a No tear see annex
8	7.37	190	Broken in compliance with § 4.a Tear see annex

Conclusion

The tests carried out on the samples considered in this report gave results in compliance with the requirements of the EN 12600 (pendular test) standard for the safety **Classification 3B3**.



D. LIBERT
Head of Department

Glazing and Components - INISMa

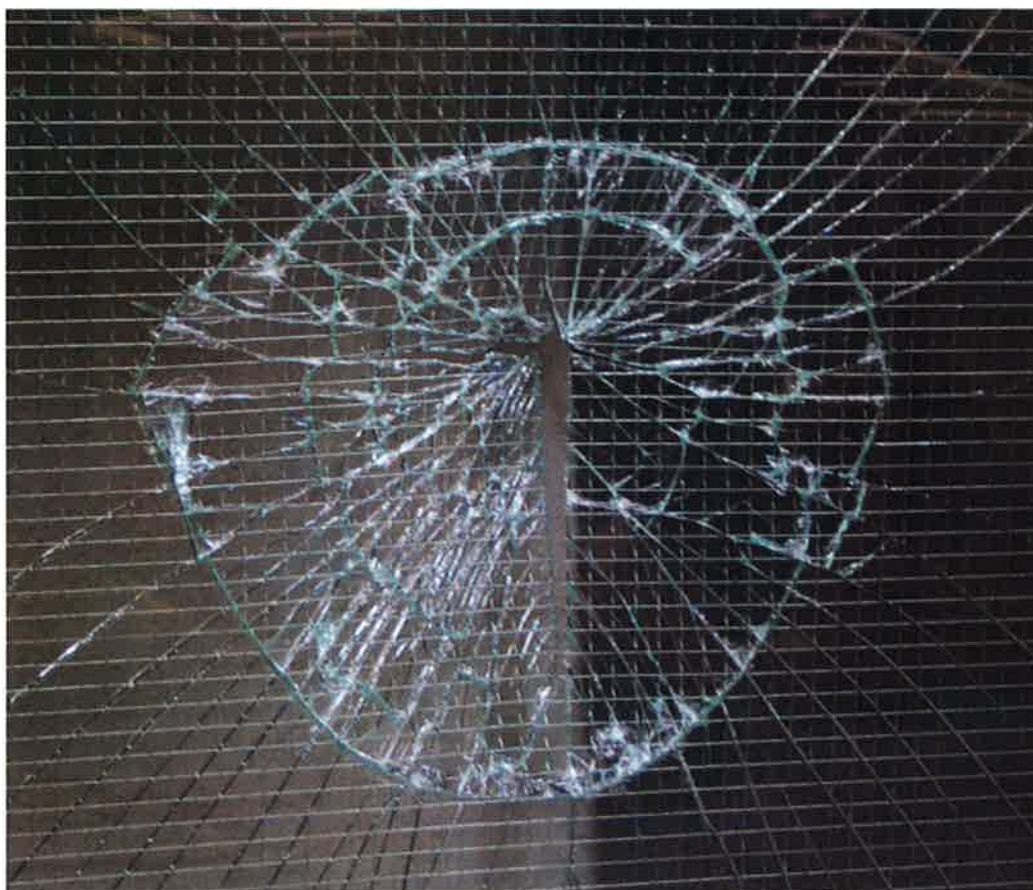
Annexes : picture of samples after test

Sample 5 :



Sphere penetration test : force > 60 N

Sample 6 :



Sphere penetration test : force > 80 N

Sample 7 :



Sample 8 :



Sphere penetration test : force > 80 N