



TEST REPORT : N° 2012B SEC 16636-5

REQUESTED BY : **AGC GLASS EUROPE**
Chaussée de la Hulpe, 166
1170 BRUXELLES
BELGIUM

REFERENCE OF THE REQUESTED : PO 450356481 – 21/08/2012

CONCERNED MANUFACTURER: **AGC GLASS EUROPE ATHUS**
Zone industrielle PED
6791 ATHUS
BELGIUM

NUMBER OF SAMPLES AND IDENTIFICATION : **Laminated Glass - See page 2**

PURPOSE OF THE REQUEST : **INITIAL TYPE TEST**
TEST ON SAFETY GLASS IN COMPLIANCE WITH THE
REQUIREMENTS OF THE STANDARD EN 12543-4
(DURABILITY TEST)*

SAMPLES RECEIVED ON : 11/09/2012

TESTING DATE : from 26/09/2012

COMMENTS : * Test under accreditation



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

Description OF THE SAMPLES

Manufacturer : **AGC GLASS EUROPE ATHUS**
Zone industrielle PED
6791 ATHUS
BELGIUM

Production site : Athus - B
Commercial name of the product : **Stratophone 22.1**

Customer's references : /

Internal reference : SEC 16636

Sampling : Under responsibility of the manufacturer

Sampling information : Traceability of the samples is under responsibility of the manufacturer.

Number of samples : 6 samples (300 x 100 mm)

Structural composition of the samples :

COMPONENTS	TYPE	NOMINAL THICKNESS	TREATMENT	
			Physical	Chemical
1	Annealed glass	2 mm		
2	Acoustic tri-layer PVB from Trosifol	0.50 mm		
3	Annealed glass	2 mm		

Integration of an electronic system or alarm component : None

Witness : None

TEST ON SAFETY GLASS IN COMPLIANCE WITH
THE REQUIREMENTS OF THE STANDARD EN 12543-4
(Glass in the construction industry)
(Laminated glass and of safety)
(Part 4: Testing methods concerning durability)

HIGH TEMPERATURE TEST : § 5.3.2.

On 3 samples

Dimension : 300*100 mm

Testing date : 08/10/2012

Test schedule : the samples were placed vertically during 16 hours in an oven at 100°C.

Sample number :	1	2	3
Actual thickness (mm)	4.31	4.31	4.31
Bubble(s) :	None	None	None
Delamination :	None	None	None
Opacification :	None	None	None

Defect located within 15mm from an original edge and 20 mm from a cutted edge are not taken into account.

HUMIDITY TEST WITH CONDENSATION: § 6.3.1

On 3 samples

Dimension : 300*100 mm

Testing date : from 26/09/2012

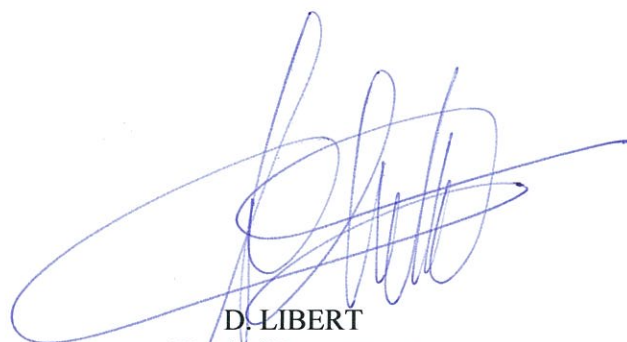
Test schedule : the samples were placed vertically during 2 weeks in a chamber at 50°C and 100% relative humidity.

Sample number :	1	2	3
Actual thickness (mm)	4.32	4.33	4.32
Bubble(s) :	None	None	None
Delamination :	None	None	None
Opacification :	None	None	None

Defect located within 15mm from an original edge and 20 mm from a cutted edge are not taken into account.

CONCLUSION

The tests carried out on the samples considered in this report gave results **in compliance** with the requirements of the **EN 12543-4** standard (resistance at high temperature and resistance to humidity with condensation).



D. LIBERT
Head of Department
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