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## **TEST REPORT : N° 2012B SEC 16637-3**

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Mons, September 20<sup>th</sup>, 2012

**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 WESTLAND**  
Aarsdijkweg 23  
2676 LE Maasdijk  
NETHERLANDS

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

**PURPOSE OF THE REQUEST :** **COMPLIANCE WITH THE REQUIREMENTS OF THE EN 356**  
**STANDARD FOR FLAT SAFETY GLASS (RESISTANCE**  
**AGAINST MANUAL ATTACK).\***

**SAMPLES RECEIVED ON :** 12/09/2012

**TESTING DATE :** 13/09/2012

**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 WESTLAND**  
Aarsdijkweg 23  
2676 LE Maasdijk  
NETHERLANDS

Production site : Maasdijk - NL  
Commercial name of the product : **Stratobel Thermally toughened 44.4**

Customer's references : /

Internal reference : SEC 16637

Sampling : Under responsibility of the manufacturer

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

Number of samples : 4 samples (900 x 1100 mm)

Structural composition of the samples :

COMPONENTS	TYPE	NOMINAL THICKNESS	TREATMENT	
			Physical	Chemical
1	Thermally toughened glass	4 mm		
2	Standard PVB	1.52 mm		
3	Thermally toughened glass	4 mm		
4				
5				

Integration of an electronic system or alarm component : None

Witness : François Rase (AGC)

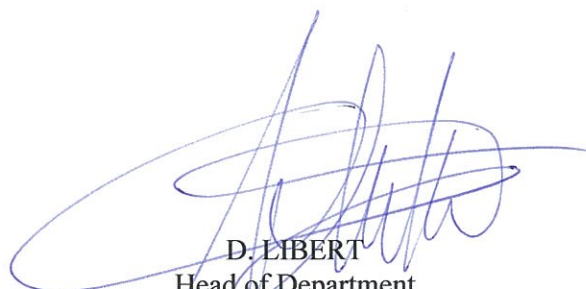
TEST ON SAFETY GLASS IN COMPLIANCE WITH THE  
REQUIREMENTS OF THE EN 356 STANDARD\*  
(class P1A to P5A)

On 3 samples  
Drop height : 9.0 m  
Testing date : 13/09/2012  
Tested side : -  
Temperature in the test room: 24°C

Test piece number	Actual thickness (mm)	Number of impact	Inspection of the test piece after impact
1	9.28	1	Broken without tearing
		2	Broken without tearing
		3	Broken without tearing
2	9.22	1	Broken without tearing
		2	Broken without tearing
		3	Broken without tearing
3	9.20	1	Broken without tearing
		2	Broken without tearing
		3	Broken without tearing

**Conclusion**

The samples considered in this report are in compliance with the requirements of the EN 356 standard : **class P4A**



D. LIBERT  
Head of Department  
Glazing and Components - INISMa