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Including 3 pages

TEST REPORT : N° 2012B SEC 16637-4

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Mons, September 20th, 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 44.2**

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	0.76 mm		
3	Thermally toughened glass	4 mm		
4				
5				

Integration of an electronic system or alarm component : None

Witness : François Rase (AGC)

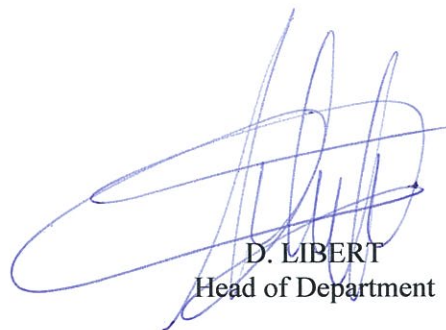
TEST ON SAFETY GLASS IN COMPLIANCE WITH THE
REQUIREMENTS OF THE EN 356 STANDARD*
(class P1A to P5A)

On 3 samples
Drop height : 3.0 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	8.44	1	Broken without tearing
		2	Broken with tearing of 80 by 20 mm
		3	Broken with tearing 70 mm
2	8.43	1	Broken without tearing
		2	Broken with tearing 10 mm
		3	Broken without tearing
3	8.49	1	Broken without tearing
		2	Broken with tearing 10 mm
		3	Broken with tearing 35 mm

Conclusion

The samples considered in this report are in compliance with the requirements of the EN 356 standard : **class P2A**



D. LIBERT
Head of Department

Glazing and Components - INISMa