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RC MONS : 130.828 - Enregistrement : 08/02/01

www.bcrc.be

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

TEST REPORT : N° 2007B SEC 2863-1

Mons, le March 12th, 2007

REQUESTED BY : GLAVERBEL S.A. - Site d'Athus
Zone Industrielle du PED
6791 ATHUS
BELGIUM

REFERENCE OF THE REQUESTED : Order n° 45697425 from November 17th, 2006

CONCERNED MANUFACTURER: GLAVERBEL S.A.
Chaussée de la Hulpe, 166
1170 BRUXELLES
BELGIUM

NUMBER OF SAMPLES AND IDENTIFICATION : **902-4– 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 : February 8th, 2007

TESTING DATE : February 16th, 2007

COMMENTS : * Test under accreditation

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

DESCRIPTION OF THE SAMPLES

Name of the applicant	:	GLAVERBEL S.A. Chaussée de la Hulpe, 166 1170 BRUXELLES BELGIUM
Commercial name of the product	:	/
Customer reference	:	**902-4 (Thickness 5.8.5/2)**
Technical specifications		
- Internal reference	:	CSEC2863/1
- Number of samples	:	4 samples (1100 * 900 mm)
- Structural composition of the samples	:	See annex
Side to present to the impact	:	Indifferent
Integration of an electronic system or alarm component	:	None
Sampling	:	Under responsibility of the applicant
Sampling information	:	Traceability of the samples is under responsibility of the applicant.
Witness	:	None

COMPLIANCE WITH THE REQUIREMENTS OF THE EN 356 STANDARD
FOR FLAT SAFETY GLASS
(class P1A to P5A)

On 3 samples
Drop height : 3 m
Testing date : March 16th, 2007
Temperature in the test room: 19°C
Conditioning time at that temperature: 8 days

Test piece number	Actual thickness (mm)	Number of impact	Inspection of the test piece after impact
1	18.93	1st ball 2nd ball 3rd ball	Broken without tearing Broken without tearing Broken without tearing
2	19.13	1st ball 2nd ball 3rd ball	Broken without tearing Broken without tearing Broken without tearing
3	18.99	1st ball 2nd ball 3rd ball	Broken without tearing Broken without tearing Broken without tearing

Conclusion

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

D. LIBERT
Chief of Laboratory

Glazing & Components

S. LANGE
Head of Department

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ANNEX

Composition of the tested samples

CSEC2863/1

COMPONENTS	TYPE	NOMINAL THICKNESS	TREATMENT	
			Physical	Chemical
1	Float glass	5 mm	-	-
2	PVB	0.38 mm	-	-
3	Float glass	8 mm	-	-
4	PVB	0.38 mm	-	-
5	Float glass	5 mm	-	-

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