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Interuniversity Institute for Silicates, soils and Materials

Test and Research laboratory

Non-profit-making association



N° d'accréditation : 032-Test
selon ISO 17025

TEST REPORT : N° 2014B SEC 22251-6

Including 3 pages

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Mons, October 14th, 2014

REQUESTED BY :

SOVEP

Rue El Kasserine – ZI Mghira III Lot 97

Tunis

Tunisie

REFERENCE OF THE REQUESTED :

Pro forma invoice PF2/2014

CONCERNED MANUFACTURER:

SOVEP

Rue El Kasserine – ZI Mghira III Lot 97

Tunis

Tunisie

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 :

26/06/2014

TESTING DATE :

12/08/2014

COMMENTS :

* Test under accreditation



Notified body (Id.N°1174)

according to Regulation (EU) No 305/2011 - Construction products

Description OF THE SAMPLES

Manufacturer : **SOVEP**
Rue El Kasserine – ZI Mghira III Lot 97
Tunis
Tunisie

Production site : Tunisie
Commercial name of the product : **Laminated Glass 44.2**

Customer's references : /

Internal reference : SEC 22251

Sampling : Under responsibility of the manufacturer

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

Number of samples : 6 samples (1100 * 900 mm)

Structural composition of the samples :

COMPONENTS	TYPE	NOMINAL THICKNESS	TREATMENT	
			Physical	Chemical
1	Clear Glass	4 mm	-	-
2	PVB	2 * 0.38 mm	-	-
3	Clear Glass	4 mm	-	-

Integration of an electronic system or alarm component : None

Witness : None

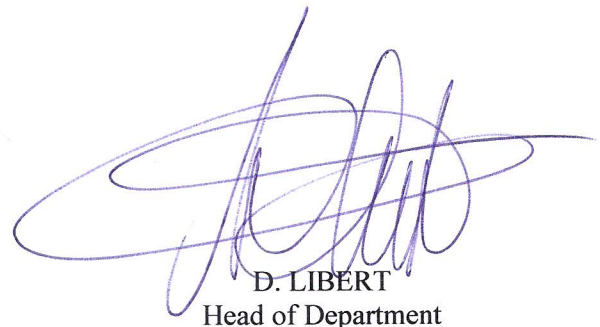
TEST ON SAFETY GLASS IN COMPLIANCE WITH THE
REQUIREMENTS OF THE EN 356 STANDARD (2000)*
(class P1A to P5A)

On 3 samples
Drop height : 3.0 m
Testing date : 12/08/2014
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	8.45	1	Broken without tearing
		2	Broken without tearing
		3	Broken with tearing 15 mm
2	8.41	1	Broken without tearing
		2	Broken with tearing 80 mm
		3	Broken with tearing 120 mm
3	8.47	1	Broken without tearing
		2	Broken without tearing
		3	Broken with tearing 150 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