



**INSTITUT SCIENTIFIQUE DU VERRE**  
ASSOCIATION SANS BUT LUCRATIF

**V/Référence**  
(Uw Ref. - Your Ref.)

Nr. 45182627 of 29.06.01

Charleroi, July 05, 2001

**N/Référence**  
(Onze Ref. - Our Ref.)

HW/MC/SEC/GLAV-ATHUS/01/BE.317A

## **BULLETIN D'ESSAI**

### **PROEFBERICHT**

### **TEST REPORT**

**Destinataire**  
Geadresseerde  
Addressee

: Glaverbel Group  
To the attention of Mr. P. FAGNERAY,  
Laminated Glass Product Manager  
Zone Industrielle du P.E.D.  
B-6791 AUBANGE - ATHUS

**Désignation**  
Beschrijving  
Designation

: 12 samples of the laminated glass

Sample number : CSEC1539/1  
Imputation : 530145  
Customer number : 980738  
Report number : 01/BE.317 English  
Date of incoming sample : 27/06/2001  
Date of test : 02/07/2001

**Essai demandé**  
Aangevraagde proef  
Requested test

: TEST ON SAFETY GLASS IN COMPLIANCE WITH  
THE REQUIREMENTS OF THE STANDARD PR EN  
12600  
(Pendular test)

**This report concerns only the submitted samples.**

***In V* - Report of 5 pages. Must be reproduced in full text.**

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CCP 000-0798720-22 - BBL 360-0400071-49 - TVA BE 401 574 555



Reconnaisances  
officielles  
en fin du présent  
document

013 EN 45001

TEST ON SAFETY GLASS IN COMPLIANCE WITH  
THE REQUIREMENTS OF THE STANDARD PR EN 12600  
(Pendular test)

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Name of the applicant : Glaverbel Group  
For the attention of Mr. P. FAGNERAY,  
Laminated Glass Product Manager  
Zone Industrielle P.E.D.  
B-6791 AUBANGE - ATHUS

Commercial name of the product : -

Customer reference : **Stratophone 442**

Technical specifications  
- Internal reference : CSEC1539/1  
- Number of samples : 12 (878 x 1940 mm)  
- Structural composition of the samples : see annex 1

Side to present to the impact : first component

Integration of an electronic system or  
alarm component : none

Sampling : by the applicant

Samples compliance with the  
requirements : come within the requirements

Temperature in the test room : 22°C

Requested class : pr EN 12600 – Class 1

Drop height : 190, 450 et 1200 mm

Testing date : July 02, 2001

Conditioning time at that temperature : 5 days

Witness : Glaverbel Athus : Mr. P. FAGNERAY

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**RÉSULTAT**

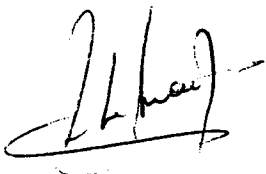
TEST PIECE NUMBER	ACTUAL THICKNESS (mm)	DROP HEIGHT (mm)	INSPECTION OF THE TEST PIECE AFTER IMPACT
1	8.6	190	Intact
1	8.6	450	Intact
1	8.6	1200	Intact
2	8.6	190	Intact
2	8.6	450	Intact
2	8.6	1200	Intact
3	8.6	190	Intact
3	8.6	450	Intact
3	8.6	1200	Intact
4	8.6	190	Intact
4	8.6	450	Intact
4	8.6	1200	Intact

**REMARK**

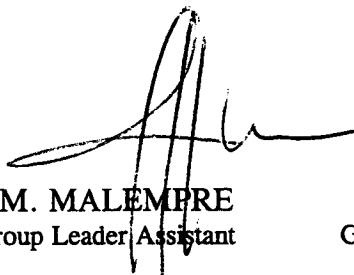
Fragmentation of the test : Type B.

**CONCLUSION**

The tests carried out on the samples considered in this report gave results in compliance with the requirements of the pr EN 12600 (pendular test) standard for the safety **Classification 1B.**



**F. TAILDEMAN**  
Laboratory Leader



**J.M. MALEMPRE**  
Group Leader Assistant

**F. GILIS**  
Group leader Approval and testing of glass material

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