



Stazione Sperimentale del Vetro

Venezia - Murano, Via Briati 10

Venezia - Marghera, Via delle Industrie - c/o VEGA Edificio Pegaso



RAPPORTO DI PROVA / TEST REPORT N.

77388

Marghera

21/04/2006

rif.

Your order n.F2E/6100197435 dated 07.02.2006

richiedente
proposer

SAINT GOBAIN GLASS FRANCE - CENTRE DE DEVELOPPEMENT INDUSTRIEL
1 RUE DE MONTLUCON BP 40103 - 60777 THOUROTTE CEDEX

campione
sample

Laminated safety glass

prova eseguita dal / from 28/03/2006
test date al / to 28/03/2006

contrassegnato
reference

SGG STADIP PROTECT 44.2

ricevuto il
received

N.A. - sample tested at CDI - Thourotte - France

EN 14449:2005 - Glass in building - Laminated glass and laminated safety glass Evaluation of conformity/Product standard

Type of test: Pendulum Test according to EN 12600:2004
 Producer: SAINT-GOBAIN GLASS FRANCE
 Site of production: Saint-Gobain Glass - Aniche (France)
 Type of product: Laminated safety glass (ISO EN 12543-2:2004)
 Family of interlayer: Polyvinylbutyral (EN 14449:2005)
 Sampling: under responsibility of the producer
 Marking of the sample: date of sampling: 09/11/2005; line of production: ANICHE - single line
 Personnel involved: Matteo Schiavonato (Stazione Sperimentale del Vetro)

For the details of the product description and of the laminated process see Technical File of the Producer.

On 08 specimens of flat laminated safety glass with a nominal thickness of **8.76 mm** the Impact Test according to point 5 of EN 12600:2004 has been carried out.

Specimen n°	Thickness (mm)	Dimensions (mm)	Drop Height (mm)	Breakage	Type of breakage*
1	8.54	1939 x 876	190	NO	/
2	8.49	1940 x 876	190	YES	Conform to point 4a
3	8.58	1940 x 876	190	NO	/
4	8.46	1939 x 876	190	YES	Conform to point 4a
1	8.54	1939 x 876	450	NO	/
3	8.58	1940 x 876	450	YES	Conform to point 4a
5	8.49	1940 x 876	450	NO	/
6	8.48	1940 x 877	450	YES	Conform to point 4a
1	8.54	1939 x 876	1200	YES	Conform to point 4a
5	8.49	1940 x 876	1200	YES	Conform to point 4a
7	8.46	1940 x 877	1200	YES	Conform to point 4a
8	8.49	1940 x 877	1200	YES	Conform to point 4a

* According to EN 12600:2004

Performance Classification: 1(B)1

Test has been carried out with SGG apparatus calibrated according to EN 12600:2004, Annex B. Calibration certificate released by CEBTB (F); date of the latest calibration: 19/05/2005.

THE HEAD OF THE LABORATORY
Ennio Mognato

THE GENERAL DIRECTOR
Dr. Antonio Tucci

Si attesta che il campione oggetto di analisi esibito dalla ditta richiedente presenta le caratteristiche sopra riportate. Il presente attestato si riferisce al campione esaminato e non può essere riprodotto in qualsiasi forma senza preliminare autorizzazione scritta. Eventuali reclami devono pervenire entro tre mesi dalla data di emissione. In carta semplice per gli usi consentiti dalla legge.