

RAPPORTO DI PROVA / TEST REPORT N. 113333

page 1 of 1

Marghera

13/12/2013

rif. Your confirm of 2013, September 3<sup>rd</sup>

richiedente  
proposer

GLASSFER S.R.L.  
VIA S. MAURIZIO 66 - 22036 ERBA (CO)

campione  
sample

Glass/Wood Glazing

prova eseguita dal / from 13/12/2013  
test date al / to 13/12/2013

contrassegnato  
reference

Safety Mirror

ricevuto il  
received

10/12/2013 by carrier

## IMPACT TEST ACCORDING TO ANSI Z97.1:2009

### American National Standard for Safety Glazing Materials Used in Buildings – Safety Performance Specifications and Methods of Test

On glass-to-wood glazing (made by: 6 mm filmed mirror glass / 3.5 mm sealant interlayer / 12 mm-thick wood pane), with a nominal thickness of 21.50 mm, sent and sampled under your own responsibility, impact test according to American Standard ANSI Z97.1 – 2009 has been carried out.

#### TEST RESULTS

Impact test has been carried out with drop height of 457 mm (18 inches) and 1219 mm (48 inches), according to point 5.1.2 (point 5.1.2.1 and point 5.1.2.2).

On 4 specimens with dimension 863 mm by 1930 mm sent by the Proposer, impact test has been carried out according to point 5.1.3 of ANSI Z97.1:2009.

Here there are test results:

#### Impact on glass pane

Specimen	Mean Thickness (mm)	Impact with 457mm drop height (18 inches)	Impact with 1219 mm drop height (48 inches)
1	21.28	No Breakage	No Breakage
2	21.56	No Breakage	No Breakage
3	21.51	No Breakage	Breakage of glass pane No passage of 3.0 inch diameter sphere
4	21.29	No Breakage	No Breakage

According to point 5.1.2 of ANSI Z97.1-2009, tested glazing is classified as:

**“CLASS A”**

Test carried out at our test laboratories in Marghera (Venice, Italy).

THE HEAD OF THE LABORATORY  
Ennio Mognato

THE LABORATORIES DIRECTOR  
Dr. Nicola Favaro

*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 parzialmente. In carta semplice per gli usi consentiti dalla legge.*

We declare that the analysed sample, provided by the customer, presents the above-mentioned characteristics. This Test Report is relevant exclusively for the specimen tested and it cannot be partially reproduced. Issued on unstamped paper for the uses foreseen by the law.