



RAPPORTO DI PROVA / TEST REPORT N. 108652

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Marghera 17/04/2013 rif. Your document n.00248 of April 5th, 2013

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

campione Laminated glass
sample

prova eseguita dal / from 11/04/2013
test date al / to 11/04/2013

contrassegnato LAM PVB 6.6.4 TEMP PAINTED #3
reference

ricevuto il 8/04/2013 by carrier
received

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 laminated float thermally tempered glass (clear float thermally tempered glass + clear float thermally tempered enameled glass), with a nominal thickness of 13.52 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 all 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 clear float tempered glass

Specimen	Mean Thickness (mm)	Impact with 457mm drop height (18 inches)	Impact with 1219 mm drop height (48 inches)
1	13.06	No breakage	Breakage of both glass panes No passage of 3.0 inch diameter sphere
2	13.02	No breakage	Breakage of rear glass pane
3	13.05	No breakage	Breakage of rear glass pane
4	13.00	No breakage	Breakage of rear glass pane

According to point 5.1.2 of ANSI Z97.1-2009 tested laminated glass composition is classified as:

“CLASS A”

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

THE HEAD OF THE LABORATORY
Ernio Mognato

THE LABORATORIES DIRECTOR
Dr. Nicola Favaro

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