

RAPPORTO DI PROVA / TEST REPORT N. 110023

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Marghera 28/06/2013 rif. Your confirm of June 7th, 2013

richiedente AGC GLASS EUROPE
proposer CHAUSSEE DE LA HULPE 166 - 01170 BRUXELLES

campione Laminated glass
sample prova eseguita dal / from 14/06/2013
test date al / to 28/06/2013

contrassegnato Stratobel Strong 44.2
reference

ricevuto il 14/06/2013 by carrier
received

CE EN12543BUE r4 12/1/2012

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

Type of test: High temperature test and High humidity test according EN ISO 12543-4:2011
Producer: AGC Glass Europe;
Site of production: Avenue de l'Europe, 51 - B-6790 Aubange.
Type of product: Laminated safety glass (ISO EN 12543-2:2011);
Family of interlayer: structural polyvinylbutyral (EN 14449:2005);
Sampling: under responsibility of the Producer;
Marking of the sample: date of sampling: 2013, June 5th;
line of production: Lamination line;
Personnel involved: F. Comiati, M. Schiavonato; Test carried out at: Marghera laboratories.

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

Tests have been carried out according to points 5 (point 5.3.2 - Procedure A) and 6.3.1 of EN ISO 12543-4:2011 on 6 specimens of laminated safety glass with a nominal thickness of 8.76 mm.

Declared structure of
laminated glass (mm)

annealed float glass 4 mm / PVB Saflex DG41 0.76 mm / annealed float glass 4 mm

Type of specimen: specimens cut from a larger pane;
Edge work: no edge working;
Protection at the edge: no edge protection;
Dimension of the specimens: 300 mm x 300 mm;
Method of supporting: one edge supported by test frame.

Visual Examination before test

According to EN ISO 12543-4:2011 each specimen has been inspected prior to the test at a distance between 300 mm to 500 mm in front of a white diffuse background. Only samples free of faults (bubbles, delamination, cloudiness) have been used for the test:

Specimens undergone to:	Bubbles	Delamination	Cloudiness
High Temperature Test	None	None	None
Humidity Test	None	None	None

Le prove riportate in questo rapporto contrassegnate dalla dicitura ** Non Accreditata da ACCREDIA ** non rientrano nell'Accreditamento ACCREDIA di questo Laboratorio. 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.

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1 High Temperature Test

After High Temperature Test according to point 5 (point 5.3.2 - Procedure A) of EN ISO 12543-4:2011 a visual inspection has been carried out (see point 5.4 of EN ISO 12543-4:2011):

Specimen number	Bubbles	Delamination	Cloudiness
1	None	None	None
2	None	None	None
3	None	None	None

2 Humidity Test

After Humidity Test according to point 6.3.1 of EN ISO 12543-4:2011 a visual inspection has been carried out (see point 6.4 of EN ISO 12543-4:2011):

Specimen number	Bubbles	Delamination	Cloudiness
1	None	None	None
2	None	None	None
3	None	None	None

3 Test Results

Conformity to High Temperature Test: YES NO

Conformity to Humidity Test: YES NO

THE HEAD OF THE LABORATORY
Ennio Mognato

THE LABORATORIES DIRECTOR
Dr. Nicola Favaro

THE TECHNICAL DIRECTOR
Ing. Roberto Dall'Igna

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