

Test Report

No.: SDHL1905007108FT

Date: May 09, 2019

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DOREL HOME FURNISHINGS EUROPE LTD
BUILDING 4, IMPERIAL PLACE, MAXWELL ROAD, BOREHAMWOOD, HERTFORDSHIRE. WD6 1JN

The following sample(s) was / were submitted and identified on behalf of the client as:

Sample Description : 8 MM THICKNESS GLASS PANEL
Ref. No./Item No. : ESS600/3-BLK/ESS800/3-BLK/ESS1000/3-BLK/ESS1200/3-BLK/
ABRD 800-BLK /ABRD 1100-BLK
Buyer : DOREL HOME FURNISHINGS EUROPE LTD
Manufacturer : GECKO FACTORY
Supplier : SUCCESS DYNAMIC LIMITED
Country of Origin : CHINA
Country of Destination : UK
Labeled Age Grading : ADULT
Sample Receiving Date : Apr.28, 2019
Test Performing Date : May 05, 2019 to May 09, 2019

Test Result Summary

Test(s) Requested	Result(s)
Clause 8 of EN 12150-1:2015, Fragmentation Test	PASS

Summary:

1. For further details, please refer to the following page(s).

Signed for and on behalf of
Shunde Branch
SGS-CSTC Co., Ltd.




Bill Wang
Approved signatory



SGS-CSTC Standards Technical Services Co., Ltd.
Shunde Branch Harimies

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1/F, 1 Building European Industrial Park, No. 1 Shunhe South Road, Wusha Section, Dailing Town, Shunde, Foshan, Guangdong, China 528333 t (86-757)22805888 f (86-757)22805858 www.sgs.com.cn
中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号楼首层 邮编: 528333 t (86-757)22805888 f (86-757)22805858 e sgs.china@sgs.com

TESTS AND RESULTS

Test Conducted:

Clause 8 of EN 12150-1:2015, Fragmentation Test.

General Test Condition:

The following test program was conducted in a laboratory environment maintained at 15°C to 25°C and 50%±5 RH. The sample was individually tested after conditioning in the test environment for at least 24 hours prior to conducting the test.

The complete detailed procedures may be found in the referenced specification and are only summarized herein.

Test Procedure

- The test specimen shall be laid flat on a table without any mechanical constraint. In order to prevent scattering of the fragments, the specimen shall be simply held at the edges, e.g. by a small frame, adhesive tape, etc., so that the fragments remain interlocked after breakage yet extension of the specimen is not hindered.
- Each test specimen shall be impacted, using a pointed steel tool, at a position 13 mm in from the longest edge of the test specimen at the mid-point of that edge, until breakage occurs.

Assessment of fragmentation

- The particle count and measuring of the dimensions of the largest particle shall be made between 3 min to 5 min after fracture. An area of radius 100 mm, centred on the impact point, and a border of 25 mm, round the edge of the test specimen, shall be excluded from assessment.
- The particle count shall be made in the region of coarsest fracture. The particle count shall be made by placing a mask of (50±1) mm x (50±1) mm on the test piece. The number of crack-free particles within the mask shall be counted. A particle is "crack-free" if it does not contain any cracks which run from one edge to another.
- In the particle count, all particles wholly contained within the area of the mask shall be counted as one particle each and all the particles which are partially within the mask shall be counted as 1/2 particle each.

Requirements

1. Minimum values from the particle count

Glass type	Nominal thickness in mm	Minimum particle count	Shower enclosures
All glass types	2	15	Not applicable
All glass types	3	15	40
All glass types	4 to 12	40	40
All glass types	15 to 25	30	30

2. Maximum length of longest particle

The length of the longest particle shall not exceed 100 mm.

Test Results

Specimen No.	Particle Count	Length of longest particle	Rating
# 1	41	18 mm	PASS
# 2	45	19 mm	PASS
# 3	47	20 mm	PASS
# 4	42	19 mm	PASS
# 5	49	16 mm	PASS

Remark:

1. According to client's statements, the Ref. No./Item No. as stated on the first page are identical to test sample.



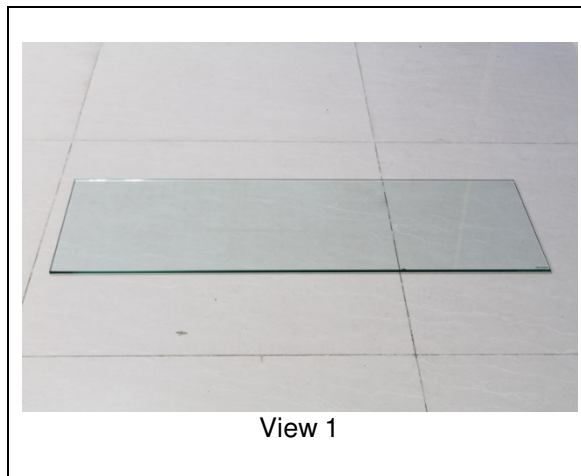
SAMPLE INFORMATION AND PICTURES

Weight: 7.70 kg

Overall Dimensions: 1100 mm L x 360 mm W x 7.83 mm T

Other Dimensions: /

Sample as Received



View 1

End of Report



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Shunde Branch Harimies

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中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号楼首层 邮编: 528333 t (86-757) 22805888 f (86-757) 22805858 e sgs.china@sgs.com