



Test Report

No.SDHL2105007617FT

Date: Jun 02, 2021

Page 1 of 3

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

Sample Description : 5MM THICKNESS GLASS PANEL
Client Reference Information : Ref. No./Item No.: (USED FOR)
1116911COMQEUK/8250911COMQEUK/3117911COMQEUK/
2230911COMQEUK/3795911COMQEUK/8185911COMQEUK
Buyer : DOREL HOME FURNISHINGS EUROPE LTD
Manufacturer : COLOR STAR (FU ZHOU) PRODUCTS CO.,LTD
Supplier : COLOR STAR (FU ZHOU) PRODUCTS CO.,LTD
Country of Origin : CHINA
Country of Destination : UNITED KINGDOM

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

Sample Receiving Date : May 08, 2021
Test Performing Date : May 10, 2021 to May 17, 2021
Test Performed : Selected test(s) as requested by applicant

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	Clause 8 of EN 12150-1:2015+A1:2019, Fragmentation Test	PASS	/
For further details, please refer to the following page(s)			

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

Bill Wang
Authorized Signatory

scan to see the report



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

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TESTS AND RESULTS
Test Conducted:

Clause 8 of EN 12150-1:2015+A1:2019, 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	71	32.30 mm	PASS
# 2	78	28.10 mm	PASS
# 3	69	27.72 mm	PASS
# 4	72	33.13 mm	PASS
# 5	65	27.31 mm	PASS

Remark:

- According to client's statements the tested samples are used in their products entitled as item no. 1116911COMQEUK/8250911COMQEUK/3117911COMQEUK/2230911COMQEUK/3795911COMQEUK/8185911COMQEUK.
- For the sample information and pictures, please refer to the following page.



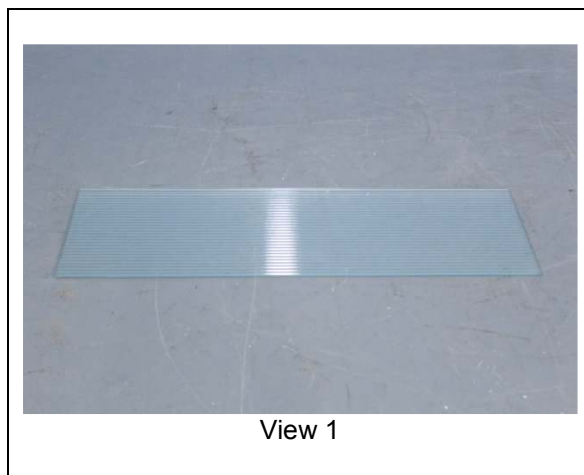
SAMPLE INFORMATION AND PICTURES

Weight: 4.00 kg

Overall Dimensions: 1098 mm L x 360 mm W x 4.78 mm T

Other Dimensions: /

Sample as Received



View 1

End of Report



SGS-CSTC Standard Technical Services Co., Ltd.
Shunde Branch Harbin

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