



STC Test Report

Date: 2011-09-16

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No: HT213377

Applicant (REF001)

: Bestko Precision Limited
Unit 303, Block A, Po Lung Centre,
11 Wang Chiu Road, Kowloon, Hong Kong

Description of Sample(s)

: Two (2) sets of submitted sample said to be
APPLAUSE GLASS HINGE
Style No.: TJ203 – pool fence fitting
Country of Origin: China
Country of Destination: Worldwide

Date sample(s) Received

: 2011-08-08

Date Tested

: 2011-08-08 to 2011-08-31

Test Requested

: Test for Appendix C of AS2820-1990.

Customer Requirement

: Door shall be closed at specify angle.

Test Result

: See the attached sheets.

Conclusion(s)

: The submitted sample complied with the submitted
requirement of durability test.



CHENG Chun-yiu, David
Authorized Signatory
Textile and Materials Department
For and on behalf of
The Hong Kong Standards and Testing Centre Ltd.

The Hong Kong Standards and Testing Centre Ltd.

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TEST RESULT(S):

Durability Test

Test procedure(s) refers to AS2820:1993 appendix C.

1. The hinge with 1000mm (width) x 1190mm (height) x 12mm (thickness) of tempered glass door were install in accordance with the manufacturer's instructions on a site which simulates the in situ condition with the gate posts securely anchored into the ground.
2. The tempered glass door was swing from 0° (closed) to 90° (open) and back to 0° and allow it to close under the action of the self-closing hinges.
3. Examine the hinges every specify cycle.

Result:

Test Cycle	Open angle	Observation	Submitted requirement	Comment
Initial	90°	Sample can be self-closed	Door shall be closed at specify angle.	Pass
	45°	Sample can be self-closed		
	30°	Sample can be self-closed		
	15°	Sample can be self-closed		
	1°	Sample can be self-closed		
	3°	Sample can be self-closed		
	less than 1° (unlatch slightly)	Sample can be self-closed		
	less than 1° (unlatch slightly)	Sample can be self-closed		
	1°	Sample can be self-closed		
	10°	Sample can be self-closed		
	90°	Sample can be self-closed		
	45°	Sample can be self-closed		
	30°	Sample can be self-closed		
	10°	Sample can be self-closed		
	1°	Sample can be self-closed		
	3°	Sample can be self-closed		
	less than 1° (unlatch slightly)	Sample can be self-closed		
less than 1° (unlatch slightly)	Sample can be self-closed			
1°	Sample can be self-closed			
10°	Sample can be self-closed			

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TEST RESULT(S):

Result:

Test Cycle	Open angle	Observation	Submitted requirement	Comment
10,000	90°	Sample can be self-closed	Door shall be closed at specify angle.	Pass
	45°	Sample can be self-closed		
	30°	Sample can be self-closed		
	10°	Sample can be self-closed		
	1°	Sample can be self-closed		
	3°	Sample can be self-closed		
	less than 1° (unlatch slightly)	Sample can be self-closed		
	less than 1° (unlatch slightly)	Sample can be self-closed		
	1°	Sample can be self-closed		
	10°	Sample can be self-closed		
	90°	Sample can be self-closed		
	45°	Sample can be self-closed		
	30°	Sample can be self-closed		
	10°	Sample can be self-closed		
	1°	Sample can be self-closed		
	3°	Sample can be self-closed		
	less than 1° (unlatch slightly)	Sample can be self-closed		
less than 1° (unlatch slightly)	Sample can be self-closed			
1°	Sample can be self-closed			
10°	Sample can be self-closed			

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TEST RESULT(S):

Result:

Test Cycle	Open angle	Observation	Submitted requirement	Comment
15,000	90°	Sample can be self-closed	Door shall be closed at specify angle.	Pass
	45°	Sample can be self-closed		
	30°	Sample can be self-closed		
	10°	Sample can be self-closed		
	1°	Sample can be self-closed		
	3°	Sample can be self-closed		
	less than 1° (unlatch slightly)	Sample can be self-closed		
	less than 1° (unlatch slightly)	Sample can be self-closed		
	1°	Sample can be self-closed		
	10°	Sample can be self-closed		
	90°	Sample can be self-closed		
	45°	Sample can be self-closed		
	30°	Sample can be self-closed		
	10°	Sample can be self-closed		
	1°	Sample can be self-closed		
	3°	Sample can be self-closed		
	less than 1° (unlatch slightly)	Sample can be self-closed		
less than 1° (unlatch slightly)	Sample can be self-closed			
1°	Sample can be self-closed			
10°	Sample can be self-closed			

Remark: The test requirement as 10,000 cycles test with 50% extra as customer's request

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SAMPLE PHOTOGRAPH(S):

Test Set up Photograph



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SAMPLE PHOTOGRAPH (S):

Sample # TJ203

Slant gasket



***** End of Test Report *****

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