



STC Test Report

Date: 2011-04-07

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No: HT209490

Applicant (BEP001)

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

Description of Sample(s)

: Two (2) pieces of submitted sample said to be
APPLAUSE SHOWER HINGE
Style No.: TJ012-90°
Country of Origin: China
Country of Destination: Worldwide

Date sample(s) Received

: 2011-03-16

Date Tested

: 2011-03-16 to 2011-03-28

Investigation Requested

: Selected test(s) as detailed herein.

Conclusion(s)

: The submitted sample complied with the requirement of
appearance according to BS EN1670:2007.



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):

Corrosion tests in artificial atmospheres — Salt spray tests

Ref to BS EN1670:2007 and ISO 9227:2006

The submitted sample was inspected visually before the test and then put into the salt spray chamber. After 24, 48 and 96 hours of spraying, the sample was taken out and inspected visually.

Scope	To assess the corrosion resistance of metallic materials with or without permanent corrosion protection or temporary corrosion protection.
Type of test adopted	Neutral Salt Spray Test (NSS) — Particularly use for detecting discontinuities such as pores and other defect in certain metallic, anodic oxide and conversion coatings.
No. of Specimens	1pc out of 2pcs of sample was selected for test.
NaCl Solution	Concentration in 50 gram sodium chloride dissolve in a litre distilled water.
pH Value in chamber at 25°C	6.5 to 7.2
Spraying	At an absolute pressure of 150 kPa
Arrangement Angle	At 15-30° from the vertical.
Test Machine	Salt Spray Tester.
Chamber Temperature	35±2°C.
Test Duration	24, 48 and 96 hours (As per client requirement).
Volume of Collected Solution	1-2ml per hour. The density is 1.0255-1.0400 at 25°C.
Test Results	Observation was (were) shown in following table:

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TEST RESULT(S):

Tested time	Appearance acceptance condition	Observation
24 Hours	<ul style="list-style-type: none">- Surface should show no sign of tarnish as blackening or adverse discolouration of the surface.- No more than an average of one rust spot per 650mm² of significant surface and without any spots larger than 1.5mm in any direction should be found.- Degree of blistering of surfaces should not be greater than density 2 and the size of any blisters should not exceed size 3 according to EN ISO 4628-2.	<ul style="list-style-type: none">- No tarnish of surface was found on the submitted sample.- No rust spot per 650mm² of significant surface and with spots larger than 1.5mm on the sample were found.- No degree of blistering of surfaces should not be greater than density 2 and the size of any blisters should not exceed size 3 according to EN ISO 4628-2.
48 Hours	<ul style="list-style-type: none">- Surface should show no sign of tarnish as blackening or adverse discolouration of the surface.- No more than an average of one rust spot per 650mm² of significant surface and without any spots larger than 1.5mm in any direction should be found.- Degree of blistering of surfaces should not be greater than density 2 and the size of any blisters should not exceed size 3 according to EN ISO 4628-2.	<ul style="list-style-type: none">- No tarnish of surface was found on the submitted sample.- No rust spot per 650mm² of significant surface and with spot larger than 1.5mm on the sample were found.- No degree of blistering of surfaces should not be greater than density 2 and the size of any blisters should not exceed size 3 according to EN ISO 4628-2.
96 Hours	<ul style="list-style-type: none">- Surface should show no sign of tarnish as blackening or adverse discolouration of the surface.- No more than an average of one rust spot per 650mm² of significant surface and without any spots larger than 1.5mm in any direction should be found.- Degree of blistering of surfaces should not be greater than density 2 and the size of any blisters should not exceed size 3 according to EN ISO 4628-2.	<ul style="list-style-type: none">- No tarnish of surface was found on the bottom of the submitted sample.- No rust spot per 650mm² of significant surface and with spots larger than 1.5mm on the sample were found.- No degree of blistering of surfaces should not be greater than density 2 and the size of any blisters should not exceed size 3 according to EN ISO 4628-2.

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SAMPLE PHOTO(S):



Front view



Side view

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

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