



Test Report

No.: SHHL2111060131PL

Date: DEC. 24, 2021

Page: 1 of 10

HANGZHOU CROWN TECHNOLOGY CO.,LTD
NO.2929, JINGLIU ROAD, HANGZHOU DAJIANGDONG INDUSTRY CLUSTER ZONE, ZHEJIANG,
CHINA

Sample Description : SHOWER SCREEN
 SGS Ref No. : NBHL2107011322PL
 Brand : CATANIA PRO
 Style No. : CUADRADO、 SEMICIRCULAR、 FRONTAL
 Client Reference Information : 700*900*1900MM, 700*1000*1900MM, 700*1200*1900MM,
 800*800*1900MM, 800*1000*1900MM, 800*1200*1900MM,
 900*900*1900MM
 750*750*1900MM(R), 800*800*1900MM(R),900*900*1900MM(R)
 980-1000*1900MM,1080-1100*1900MM,1180-1200*1900MM,1280-
 1300*1900MM,1380-1400*1900MM,1480-1500*1900MM,1580-
 1600*1900MM

 Sample Receiving Date : NOV. 05, 2021
 Testing Period : NOV. 08, 2021 TO DEC. 24, 2021
 Testing Location : 3RD. BUILDING, LANE 3999, XIUPU RD., PUDONG DISTRICT,
 SHANGHAI, CHINA
 Test Requested : EN 14428:2015+A1:2018 SHOWER ENCLOSURES - FUNCTIONAL
 REQUIREMENTS AND TEST METHODS
 Conclusion : THE SUBMITTED SAMPLE MET THE TEST REQUIREMENT

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Challen Zhang
Authorized Signatory



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■ **General product information**

Manufactured from HANGZHOU CROWN TECHNOLOGY CO., LTD.

THE SAMPLE 1 SUBMITTED WAS A SHOWER SCREEN. DIMENSION: 800X1200X1900MM.

SLIDING DOOR: 5 MM TRANSPARENT TEMPERED GLASS; FIXED PANEL: 5 MM

TRANSPARENT TEMPERED GLASS; FRAME: ALUMINUM IN SILVER.

Style No.: CUADRADO

■ **Copy of marking plate and summary of test results (information/comments):**



HANGZHOU CROWN TECHNOLOGY CO., LTD.

NO. 2929, JINGLIU ROAD, HANGZHOU DAJIANGDONG
INDUSTRY CLUSTER ZONE, ZHEJIANG, CHINA

21

Declaration of Performance CUADRADO
EN 14428

Intended use: Personal hygiene

Product type: Shower Screen CUADRADO

Cleanability:	Pass
Impact resistance/shatter properties:	Pass
Durability:	Pass

CE marking on the product



**THE SAMPLE 2 SUBMITTED WAS A SHOWER SCREEN. DIMENSION: 900X900X1900MM.
 SLIDING DOOR: 5 MM TRANSPARENT TEMPERED GLASS; FIXED PANEL: 5 MM
 TRANSPARENT TEMPERED GLASS; FRAME: ALUMINUM IN SILVER.
 Style No.: SEMICIRCULAR**

■ Copy of marking plate and summary of test results (information/comments):

	
HANGZHOU CROWN TECHNOLOGY CO., LTD. NO. 2929, JINGLIU ROAD, HANGZHOU DAJIANGDONG INDUSTRY CLUSTER ZONE, ZHEJIANG, CHINA	
21 Declaration of Performance SEMICIRCULAR EN 14428	
Intended use: Personal hygiene	
Product type: Shower Screen SEMICIRCULAR	
Cleanability:	Pass
Impact resistance/shatter properties:	Pass
Durability:	Pass

CE marking on the product



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**THE SAMPLE 3 SUBMITTED WAS A SHOWER SCREEN. DIMENSION: 1580-1600X1900MM.
SLIDING DOOR: 5 MM TRANSPARENT TEMPERED GLASS; FIXED PANEL: 5 MM
TRANSPARENT TEMPERED GLASS; FRAME: ALUMINUM IN SILVER.**

Style No.: FRONTAL

■ Copy of marking plate and summary of test results (information/comments):

	
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21 Declaration of Performance FRONTAL EN 14428	
Intended use: Personal hygiene	
Product type: Shower Screen FRONTAL	
Cleanability:	Pass
Impact resistance/shatter properties:	Pass
Durability:	Pass

CE marking on the product

■ Summary of testing:

The submitted samples were tested and found to comply with applicable requirements of EN 14428:2015+A1:2018.



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Test Conducted:

1. EN 14428:2015+A1:2018 Shower enclosures - Functional requirements and test methods

Sample No.	Style No.	Dimension (mm)	Sample Size
Test sample 1	CUADRADO	800X1200X1900	1 piece
Test sample 2	SEMICIRCULAR	900X900X1900	1 piece
Test sample 3	FRONTAL	1580-1600X1900	1 piece

Clause	Test Method/ Requirement	Test Result	Rating
4 Characteristics			
4.1 General	With each shower enclosure detailed instructions on installation and use, to include at least the following information shall be provided: --- description of installation with special consideration of building construction and necessary tools and sealant; --- instructions for appropriate maintenance and care, including guidance on cleaning.	Instruction was provided by client	Sample 1-3: Pass
4.2 Cleanability	When inspected visually, the surfaces of the components of the shower enclosures which are accessible during use and cleaning shall be free from sharp corners, edges and burrs. When using recommended cleaning agents in accordance with the manufacturer's installation and care instructions, there shall be no reduction in safety or function of the shower enclosure.	/	Sample 1-3: Pass
4.3 Impact resistance/shatter properties			
4.3.1 General	Shower enclosures may be glazed with various materials. Where glass is used, this shall meet the requirements of 4.3.2 or 4.3.3 and where plastics materials are used, they shall meet the requirements of 4.3.4.	Thermally toughened safety glass	Sample 1-3: Pass
4.3.2 Thermally toughened safety glass	4.3.2.1 Thermally toughened flat safety glass Thermally toughened safety glass shall meet the requirements of prEN 12150-1:2013.	Document Review See Remark 1	Sample 1-3: Pass
	4.3.2.2 Thermally toughened curved safety glass Test in accordance with standard to ensure that under these test conditions the glass has a particle count of 40 or greater and the length of the longest particle shall not exceed 100 mm.	Sample 1 & 3: Non-curved safety glass Sample 2: Thermally toughened curved safety glass	Sample 1 & 3: N/A Sample 2: Pass



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Clause	Test Method/ Requirement	Test Result	Rating
		The particle count: 94 The length of the longest particle: 9 mm	
4.3.3 Laminated safety glass	Laminated safety glass shall conform to EN 14449 and EN ISO 12543-2. Laminated safety glass shall not have holes, for example for fixings, hinges, handles or any other fittings. NOTE: Laminated safety glass is susceptible to water penetration from the edges if they are not suitably protected.	Non-laminated safety glass	Sample 1-3: N/A
4.3.4 Plastics materials	When tested in accordance with standard, sheets shall not break or they shall break safely.	No plastics materials	Sample 1-3: N/A
4.4 Durability			
4.4.1 General	Products conforming to the requirements of 4.2 and 4.3 and the following are deemed to be durable.	/	Sample 1-3: Pass
4.4.2 Corrosion resistance	All components shall consist of corrosion-proof materials or shall be corrosion-protected. All corrosion protection performances shall be evaluated with test methods specified in an appropriate European or International Standard. The standard used and the results of the test shall be recorded. Examples of minimum requirements: — the minimum paint adhesion performance for powder-coated or wet-painted surfaces has a crosscut value ≤ 2 when tested in accordance with EN ISO 2409; — the minimum average thickness of coating on aluminium is of grade AA5 when tested in accordance with one of the methods given in EN ISO 7599. In no cases is minimum local thickness less than 80 % of the minimum average thickness. — Compliance with the neutral salt spray (NSS) test e.g. as specified in EN ISO 9227 corrosion test in artificial atmospheres - salt spray tests with a minimum exposure time of 200 h; The defect surface area A is less than or equal to 0,1 % ($A \leq 0,1 \%$). The defects do not exceed a dimension of 0,3 mm. This list is not exhaustive.	/	Sample 1-3: Pass
4.4.3 Resistance to chemicals and Stains	When tested in accordance with standard the glazing materials shall not show permanent staining or deterioration.	No permanent staining or deterioration	Sample 1-3: Pass



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Clause	Test Method/ Requirement	Test Result	Rating
4.4.4 Resistance to wet and dry cycling	When tested in accordance with standard, the glazing materials shall not show any cracks, crazing or discoloration. Uncoated and unpainted thermally toughened safety glass is deemed to be resistant to wet and dry cycling and need not be tested.	/	Sample 1-3: Pass
4.4.5 Endurance	When tested in accordance with standard, shower enclosures shall not show any functional deterioration after 20 000 closing-opening cycles.	No functional deterioration	Sample 1-3: Pass
4.4.6 Stability	When tested in accordance with standard, shower enclosures shall withstand an energy representing the impact of a human body on a large impact area (e.g. blow from shoulder, fall) without any functional deterioration which could result in injury to the user.	No functional deterioration	Sample 1-3: Pass
4.4.7 Water retention	When tested in accordance with standard, shower enclosures shall retain water. A few small drops of water on the outside of the water retaining area are acceptable. Where shower enclosures are intended for installation in wet room environments (where watertightness is not required), water may temporarily pass outside the water retaining area as long as it is drained to the water retaining area.	/	Sample 1-3: Pass
4.5 Dangerous substances	National regulations on dangerous substances may require verification and declaration on release, and sometimes content, when construction products covered by this standard are placed on those markets. In the absence of European harmonized test methods, verification and declaration on release/content should be done taking into account provisions in the place of use. NOTE: An informative database covering European and national provisions on dangerous substances is available at the Construction website on EUROPA accessed through: http://ec.europa.eu/enterprise/construction/cpd-ds/ .	/	Sample 1-3: N/A
6 Marking			
	The intended use of a shower enclosure is personal hygiene in accordance with the scope of this standard. EXAMPLE 1 Use of full text Personal hygiene. EXAMPLE 2 Use of abbreviation PH. Shower enclosures can be described with a designation	CE label was provided	Sample 1-3: Pass



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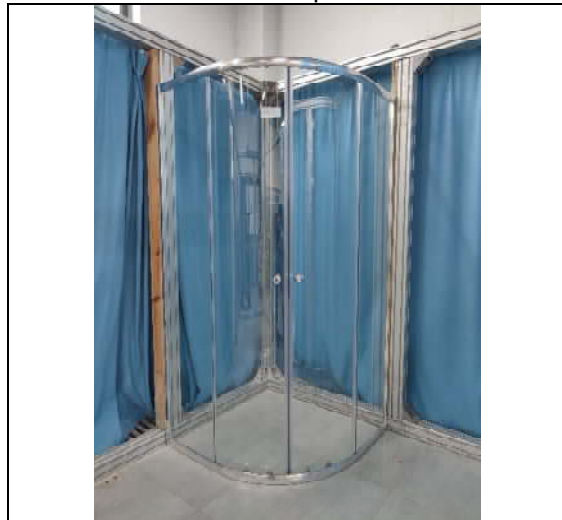
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Sample Photo:

Test sample 1



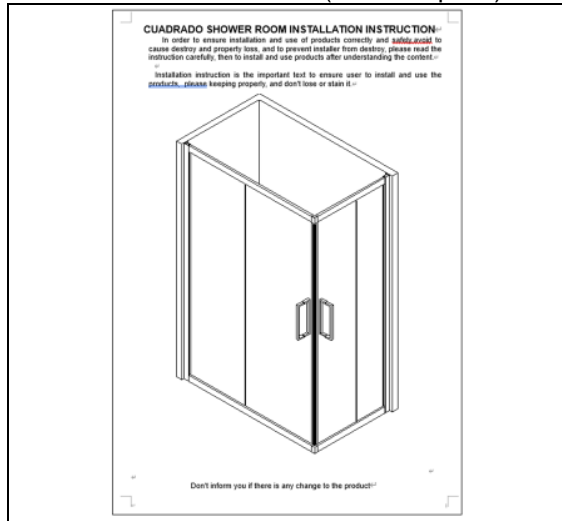
Test sample 2



Test sample 3

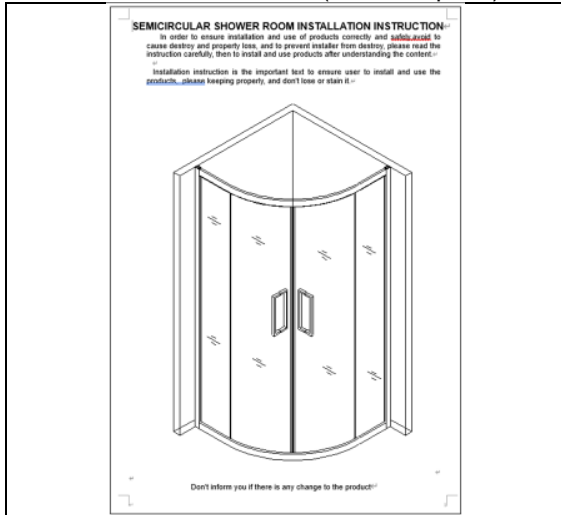


Artwork of instruction (Test sample 1)



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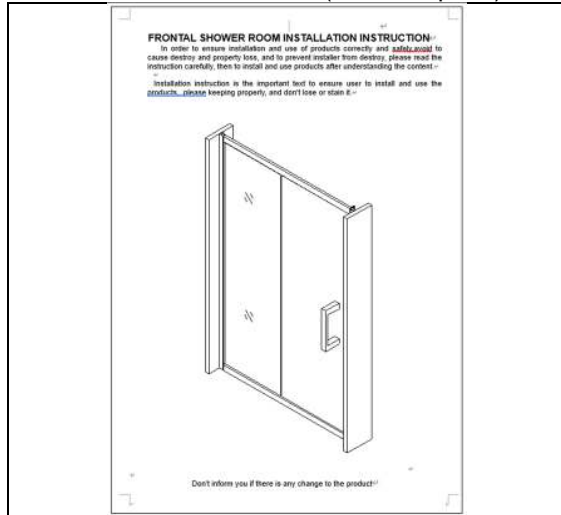
Artwork of instruction (Test sample 2)



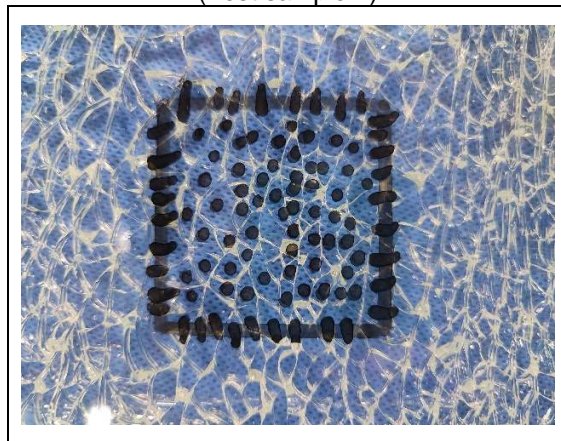
Thickness of glass (Curved clear glass)
(Test sample 2)



Artwork of instruction (Test sample 3)



The particle count (Curved clear glass)
(Test sample 2)



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End of Report



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