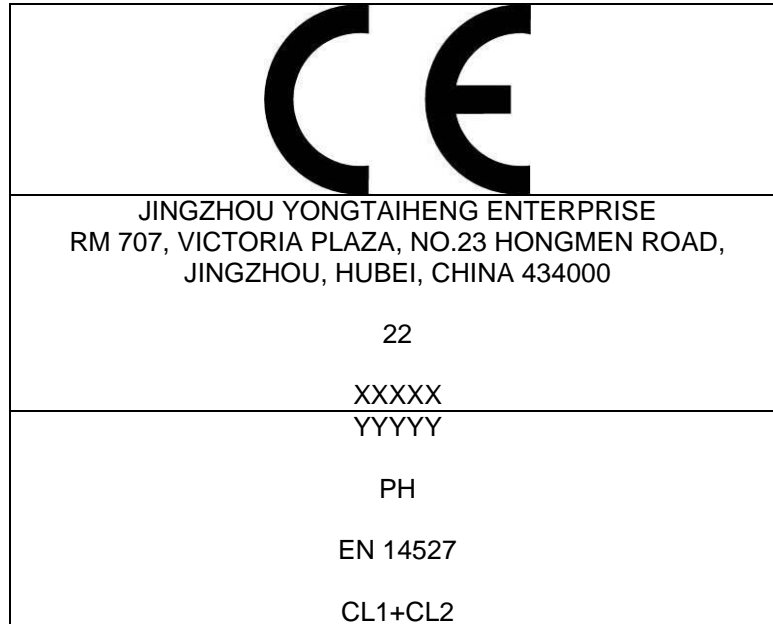


TEST REPORT EN 14527 Shower trays for domestic purposes	
Report Reference No.....:	220322127GZU-002
Tested by (name and signature).....:	Ken Chen Engineer
Approved by (name and signature).....:	Felix Li Technical Supervisor
Date of issue.....:	April 2, 2022
Date of revised issue.....:	----
Contents.....:	Total test report 12 pages including: Report text: 10 pages Appendix A for product photos: 1 page Appendix B for revision page: 1 page
Testing Laboratory name	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
Address	Room 4103 & 4203, No. 63, Punan Road, Huangpu District, Guangzhou, Guangdong Province, China
Testing location.....:	Same as above
Applicant's name:	JINGZHOU YONGTAIHENG ENTERPRISE
Address	RM 707, VICTORIA PLAZA, NO.23 HONGMEN ROAD, JINGZHOU, HUBEI, CHINA 434000
Test specification:	
Standard	EN 14527:2006+A1: 2010 (E)
Non-standard test method.....:	N/A
Test Report Form No:	TTRF_EN 14527_c
TTRF Originator	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
Master TTRF	Dated 2019-4-4
Test item description	Shower tray
Trade Mark	---
Model and/or type reference	See "General product information" on page 4
Manufacturer	---
Rating(s)	See "General product information" on page 4

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

Note: The CE marking shall be shown on the product (or when not possible it may be on the accompanying label, the packaging or on the accompanying commercial document, e. g a delivery note).



Remark:

1. "XXXXX" should be the reference number of the DoP.
2. "YYYYY" should be the unique identification code of the product type.

Summary of testing:

The submitted samples were tested and found to **COMPLY WITH** applicable requirements of EN 14527:2006+A1: 2010 (E).

Test item particulars:
Classification of installation and use..... : For personal hygiene Supply Connection : —
Possible test case verdicts:
- Test case does not apply to the test object..... : N/A - Test object does meet the requirement : P (Pass) - Test object does not meet the requirement : F (Fail)
Testing:
Date of receipt of test item : September 11, 2020 and March 21, 2022 Date (s) of performance of tests : September 15, 2020 to September 23, 2020 and March 23, 2022 to March 28, 2022
General remarks:
<p>This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.</p> <p>"(See remark #)" refers to a remark appended to the report.</p> <p>"(See Appendix #)" refers to an appendix appended to the report.</p> <p>When determining the test result, measurement uncertainty has been considered.</p> <p>The clause which indicated with * is the subcontract test item.</p> <p>All the tests results give the statement of conformity refer to the decision rule of "Procedure 2 "Accuracy Method" as stated in the IEC Guide 115:2007.</p> <p>The revised report replaces the report of the previous version.</p>

General product information:			
Item	Model No.	Description	Remark
1	L720X720X90	Square shower tray, made of non-vitreous china, overall size: 720x720x90mm	Covered model
2	L720X900X90	Rectangular shower tray, made of non-vitreous china, overall size: 720x900x90mm	Covered model
3	L800X800x90	Square shower tray, made of non-vitreous china, overall size: 800x800x90mm	Covered model
4	LS800X800X90	Corner shower tray, made of non-vitreous china, overall size: 800x800x90mm	Covered model
5	L900X900X100	Square shower tray, made of non-vitreous china, overall size: 900x900x100mm	Covered model
6	LS900X900X100	Corner shower tray, made of non-vitreous china, overall size: 900x900x100mm	Covered model
7	LS750X750X90	Corner shower tray, made of non-vitreous china, overall size: 750x750x90mm	Covered model
8	L700X1000X90	Rectangular shower tray, made of non-vitreous china, overall size: 700x1000x90mm	Covered model
9	L700X1200X110	Rectangular shower tray, made of non-vitreous china, overall size: 700x1200x110mm	Covered model
10	L800X1000X100	Rectangular shower tray, made of non-vitreous china, overall size: 800x1000x110mm	Covered model
11	L800X1200X110	Rectangular shower tray, made of non-vitreous china, overall size: 1200x800x110mm	Tested model
12	L700X1400X110	Rectangular shower tray, made of non-vitreous china, overall size: 700x1400x110mm	Covered model
13	L800X1400X110	Rectangular shower tray, made of non-vitreous china, overall size: 800x1400x110mm	Tested model
14	L800X800X65	Square shower tray, made of non-vitreous china, overall size: 800x800x65mm	Covered model
15	L720X900X65	Rectangular shower tray, made of non-vitreous china, overall size: 720x900x65mm	Covered model
16	L700X1000X65	Rectangular shower tray, made of non-vitreous china, overall size: 700x1000x65mm	Covered model
17	L700X1200X65	Rectangular shower tray, made of non-vitreous china, overall size: 700x1200x65mm	Covered model
18	L900X900X65	Square shower tray, made of non-vitreous china, overall size: 900x900x65mm	Covered model
19	LS900X900X65	Corner shower tray, made of non-vitreous china, overall size: 900x900x65mm	Tested model
20	L800X1000X65	Rectangular shower tray, made of non-vitreous china, overall size: 800x1000x65mm	Covered model
21	L800X1200X65	Rectangular shower tray, made of non-vitreous china, overall size: 800x1200x65mm	Covered model
22	L800X800X150	Square shower tray, made of non-vitreous china, overall size: 800x800x150mm	Covered model
23	LS800X800X150	Corner shower tray, made of non-vitreous china, overall size: 800x800x150mm	Covered model
24	XNL700X700X90	Square shower tray, made of non-vitreous china, overall size: 700x700x90mm	Covered model
25	XNL800X800X90	Square shower tray, made of non-vitreous china, overall size: 800x800x90mm	Covered model
26	XNL900X900X100	Square shower tray, made of non-vitreous china, overall size: 900x900x100mm	Tested model

Remark: The covered models were the same as the tested models in structure, materials and manufacturer process, just different in size.

EN 14527			
Clause	Requirement - Test	Result - Remark	Verdict
5	Requirements for class 1 products		—
5.1	General The manufacturer shall provide instructions with each shower tray covering installation and care.		P
5.2	Cleanability		P
5.2.1	Appearance of surface There shall be no evidence of crazing, cracks, chips or other defects that will impair the cleanability of the surface intended to come into contact with water.	Complied	P
5.2.2	Drainage of water		P
	Show shower tray shall have at least one waste outlet hole. The dimensions of the waste outlet hole shall comply with the requirements of EN 251. Other dimensions are permissible, if the manufacturer provides or recommends a suitable waste fitting.....:	The submitted samples met the requirement of EN251.	P
	All water shall empty from the shower tray unless prevented by surface tension.....:	No water remained	P
5.3	Durability of cleanability		P
5.3.1	General Conformance with requirements of 5.3.2 to 5.3.4 give an assurance of durability of cleanability	Please refer to clause 5.3.2 to 5.3.4	P
5.3.2	Stability of bottom No permanent distortion or other defects, e.g. cracks, such that the requirements of 5.2.2 are not satisfied...:	No permanent distortion or other defects.	P
5.3.3	Resistance to chemicals and staining agents		P
5.3.3.1	General Shower trays, other than those made from the materials specified in 5.3.3.2, the surface finish shall be unaffected by the chemicals and stains specified in Table 1 except for superficial surface changes which are removable with water or with water and specified abrasive agent.....:	No affection to the surface by the chemicals and stains.	P
5.3.3.2	Particular requirements for baths made of enamelled steel and enamelled cast iron Shower tray made from enamelled steel and enamelled cast iron shall comply with the requirements given in Table 2		N/A
	Resistance to boiling water: < 10 g/m ²		N/A

EN 14527			
Clause	Requirement - Test	Result - Remark	Verdict
	Resistance to cold citric acid: Class 2		N/A
	Resistance to boiling citric acid: < 5 g/m ²		N/A
	Resistance to cold sulphuric acid: Class 2		N/A
	Resistance to alkali solutions: < 8 g/m		N/A
5.3.4	Resistance to temperature changes Shower trays shall show no evidence of distortion or other defects, e.g. crazing, which will impair their cleanability..... :	No evidence of distortion or other defects.	P
6	Requirements for class 2 products		—
6.1	General The manufacturer shall provide instructions with each bath covering installation and care.		P
6.2	Cleanability		P
6.2.1	Appearance of surface When inspected under strong and oblique illumination, the surfaces shall be visibly smooth, non-absorbent and free from inaccessible corners that would impair the cleanability.	Complied	P
6.2.2	Drainage of water		P
	Shower tray shall have at least one waste outlet hole. The dimensions of the waste outlet hole shall comply with the requirements of EN 251. Other dimensions are permissible, if the manufacturer provides or recommends a suitable waste fitting..... :	The submitted samples met the requirement of EN251.	P
	All water shall empty from the shower tray unless prevented by surface tension..... :	No water remained	P
6.3	Durability		P
6.3.1	General Shower trays shall be readily cleanable for their anticipated working life when normal cleaning and maintenance is carried out.	Complied	P
6.3.2	Materials Experience has shown that shower trays made from plastics materials, enamelled steel, enamelled cast iron, stainless steel, glazed ceramics or glass and their surfaces intended to come into contact with water have the properties described in 6.3.1.	Complied	P
7	Dangerous substances	Informative	—

EN 14527			
Clause	Requirement - Test	Result - Remark	Verdict
9	Marking, labelling and packaging		P
	Name and address of the manufacture, or his authorised representative established in EEA, and place of production.....:		—
	Description of the product: Generic name.....: Material.....: Dimensions.....: Intended use.....:	See CE markings on page 2	—
	Provisions to which the product conforms.....:		—
	Information on regulated characteristics.....:		—
10	Evaluation of conformity		—
10.1	General The compliance of a shower tray with this standard shall be demonstrated by clause 10.2 and 10.3		P
10.2	Type testing		P
10.2.1	Initial type testing Initial type testing shall be performed before the product is put on the market for the first time and each time when its characteristics are changed.		P
10.2.2	Further type testing		N/A
10.2.3	Samples, testing and compliance criteria The bath shall be subjected to and pass the relevant tests in Table 4 or Table 5 before delivery commences.		P
10.3	Factory Production Control (FPC)		P
10.3.1	General The manufacturer shall establish, document and maintain a factory production control (FPC) system to ensure that the products placed on the market conform with the stated performance characteristics.	The applicant supplied ISO 9001 certificate.	P
10.3.2	Testing equipment All weighing, measuring and testing equipment shall be calibrated and regularly inspected according to documented procedures, frequencies and criteria.	The applicant supplied ISO 9001 certificate.	P
10.3.3	Raw materials and components The specifications of all incoming raw materials and components shall be documented, as shall the inspection scheme for ensuring their conformity.	The applicant supplied ISO 9001 certificate.	P

EN 14527			
Clause	Requirement - Test	Result - Remark	Verdict
10.3.4	<p>Product testing and assessment</p> <p>The manufacturer shall establish and document procedures to ensure that the stated values of all of the characteristics are maintained.</p>	The applicant supplied ISO 9001 certificate.	P
10.3.5	<p>Non-conforming products</p> <p>If during the factory production control non-conforming products are detected, there shall be immediately implemented measures for correction of failure and handling defective products</p>	The applicant supplied ISO 9001 certificate.	P

EN 251			
Clause	Requirement - Test	Result - Remark	Verdict
3	Connecting dimensions		
3.1	<p>Basic dimensions</p> <p>The basic dimensions H, a, H₁ and h₁ shall comply with those given in Table 1 to enable compatibility with waste fittings in accordance with EN 274-1.</p>		N/A
3.2	<p>Diameter of waste outlet hole</p> <p>The dimensions of the waste outlet hole shall be as given in Table 2 to enable compatibility with EN 274-1.</p>	Please refer to Table 1 on page 11	P
3.3	<p>Clearance around the waste outlet hole</p> <p>The clearance around the waste outlet hole shall comply with the dimensions given in Table 3.</p>	Please refer to Table 2 on page 11	P
3.4	<p>Dimensions and clearance around the overflow hole</p> <p>The dimensions and the clearance around the overflow hole, if provided, shall comply with Table 4.</p>		N/A

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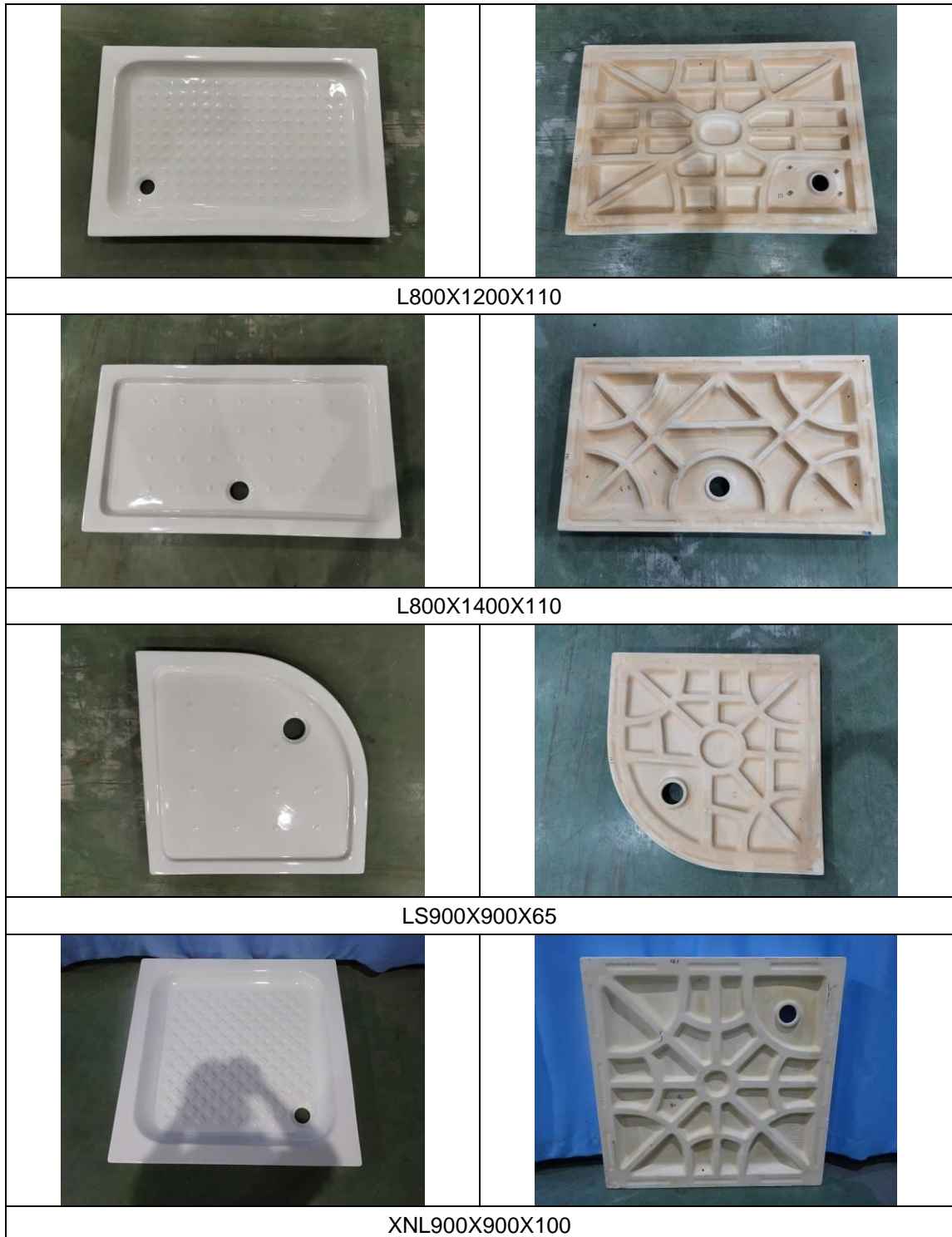
Table 1: Test result of Clause 3.2 of EN 251

Required (mm)	Result (mm)			
	L800X1200X110	L800X1400X110	LS900X900X65	XNL900X900X100
D ₂ (60~65) or (88~93)	63.72	92.42	91.68	63.36
D ₃ (85 or 115)	85	115	115	85
α ($\leq 120^\circ$)	96°	109°	109°	110.3°
h ₂ (6~25)	22.28	23.58	24.41	21.52
s (≥ 3)	8.64	13.34	10.98	7.70
e (≥ 2)	5.86	4.12	4.72	5.99

Table 2: Test result of Clause 3.3 of EN 251

Required (mm)	Result (mm)			
	L800X1200X110	L800X1400X110	LS900X900X65	XNL900X900X100
R (≥ 80)	97	100	101	85.63
f (≤ 15)	N/A	N/A	N/A	N/A

**Appendix A
Product photos**



*****End of this page*****

GUANGZHOU

Appendix B
Revision page

Revision No.	Date	Changes	Author	Reviewer
0	April 2, 2022	First issue	Ken Chen	Felix Li

*****End of this report*****

