

SANITARY WARE SPECIFICATION SHEET

Model: 1602

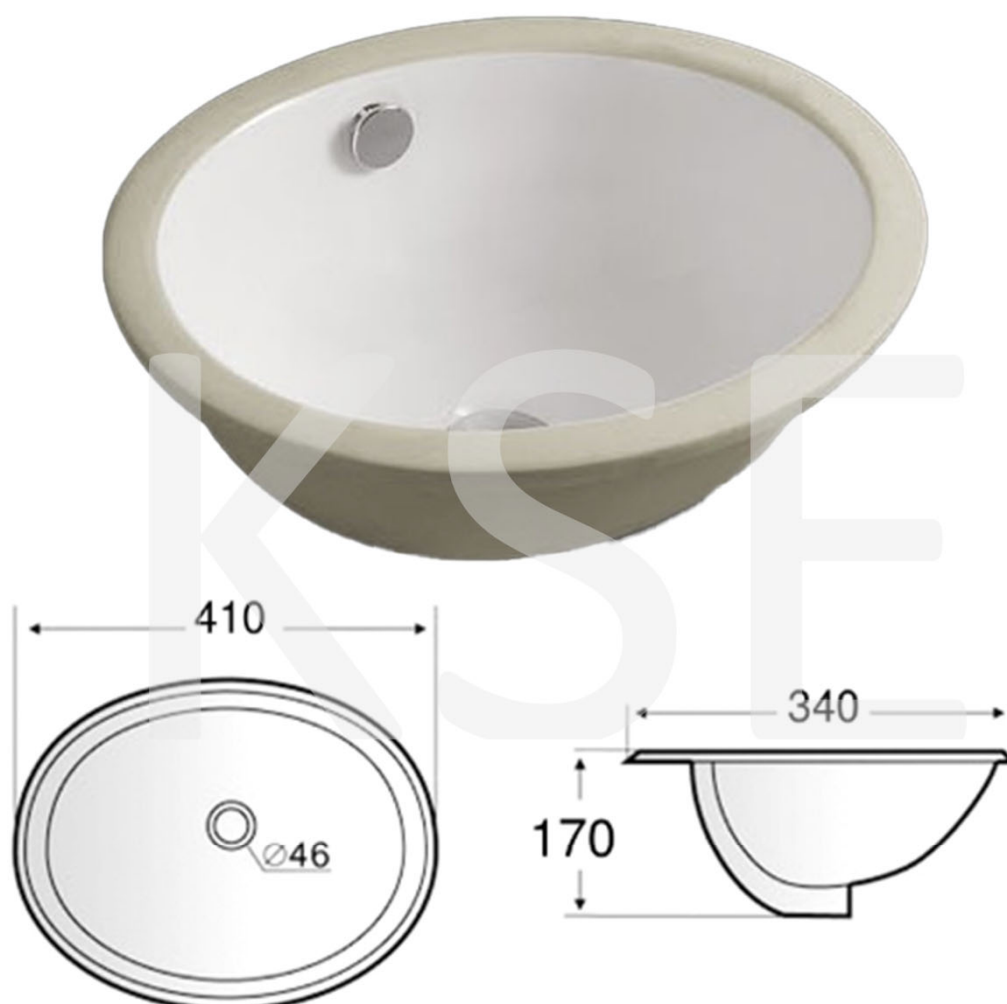
Descriptions: Casatino (PRC) Vitreous china undercounter washbasin tested on BS3402:1969 / BS1188:1974 ; test report J16074A

Dimensions: L410 x W340 x H170mm

Material : Vitreous China

Manufacturer: CASATINO (PRC)

Color : White



* All information of the above is for the reference only. No prior notice is made if any changes.



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TITLE : Testing of Vitreous China Wash Basin
REFERENCE NO. : J 16074A
DESCRIPTION OF SAMPLE : 16" Under-counter basin
SAMPLE SUBMITTED BY : 
BRAND :
COUNTRY OF ORIGIN : China
MODEL : 1602
METHOD OF TESTS : BS 3402: 1969 & BS 1188: 1974
PERIOD OF TESTS : 1st Aug., 2016 to 24th Aug., 2016

RESULTS: (apply only to the sample tested)

1. DIMENSIONS (all dimensions are in millimetres unless otherwise stated)

	Sample	BS 1188: 1974 Requirement ¹	
Overall length	400	/	
Overall width	342	/	
Total surface area of overflow opening (mm ²)	380	800 min.	
Depth from top edge of rim to inside base of bowl at centre of outlet	132	165 ±2%	
Distance of centre of outlet from extreme back	174	180 ±2%	
Diameter of tap hole	/	30 +2/-0	
Waste hole	Diameter of recess of outlet for waste flange	73	64 min.
	Depth of recess	10	10 min.
	Waste hole diameter	49	44 min.

Note: ¹ - The dimensional requirements stated in BS 1188: 1974 are only for two sizes of wash basins (1st size: length 620-650mm, width 445-465mm, 2nd size: length 548-572mm, width 396-414mm), and do not apply to the tested sample which did not belong to either of these two sizes.



2. VISUAL INSPECTION (Cl. 5)

Location	Blemish or defect	Presence of defect	
		Sample	Requirement
General	Wavy finish	Nil	None on all visible surfaces
	Warpage	Nil	Warpage of slab out of horizontal plane not to exceed 6 mm on all sizes (warpage of backs of wash basins which are attached to the wall not to exceed 3 mm)
	Discoloration	Nil	None on all visible surfaces
Service space, top of slab, inside of bowl, front of fascia	Spots, blisters and pinholes	Nil	A total of not over two; no grouping; for coloured appliances, no blisters are permitted and pinhole limited to one
	Bubbles and specks	Nil	A total of not over four; no grouping
	Polishing marks	Nil	One only; none permitted for coloured fixtures
Face of internal back and sides	Spots, blisters and pinholes	Nil	One only on back or on either side; a total of not over three
	Bubbles	Nil	A total of not over four; no grouping

3. WATER ABSORPTION (Cl. 6)

	Water absorption (%)		
	Greatest individual value	Arithmetic mean	Remark
Sample	0.16	0.12	Pass
Requirement	0.75 max.	0.50 max.	/

4. CRAZING (Cl. 7)

	Saturated steam pressure (MN/m ²)	Duration (hr)	Crazing	Remark
Sample	0.34	10	Nil	Pass
Requirement	0.33 - 0.35	10	Nil	/

5. CHEMICAL RESISTANCE (Cl. 8)

Chemical	Strength of solution (%)	Time (hr)	Temperature (°C)	Loss of reflectivity		Remark
				Sample	Requirement	
Acetic acid	10	16	100	Nil	Nil	Pass
Citric acid	10	16	100	Nil	Nil	Pass
Detergent	See note 1	48	60	Nil	Nil	Pass
Hydrochloric acid	See note 2	48	20	Nil	Nil	Pass
Sodium hydroxide	5	0.5	60	Nil	Nil	Pass
Sodium stearate	0.15	48	60	Nil	Nil	Pass



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JOB REFERENCE: J 16074A

Chemical	Strength of solution (%)	Time (hr)	Temperature (°C)	Loss of reflectivity		Remark
				Sample	Requirement	
Sulphuric acid	3	16	100	Nil	Nil	Pass

Note: ¹ - This consists of an aqueous solution containing 0.04 % (wt/vol) of a condensation product of nonylphenol with 8-10 molecules of ethylene oxide. A suitable solution which contains 0.15% (wt/vol) of the product is obtainable commercially under the trade name "Lissapol N".
² - This solution consists of equal volumes of water and of hydrochloric acid of specific gravity 1.18

6. RESISTANCE TO STAINING AND BURNING (Cl. 9)

	Chemicals	Staining and burning		
		Sample	Requirement	Remark
Chemical treatment	Methylene blue	Nil	Nil	Pass
	Sodium hypochlorite	Nil	Nil	Pass
	Hydrogen peroxide	Nil	Nil	Pass
	Amyl acetate	Nil	Nil	Pass
	Iodine in ethanol	Nil	Nil	Pass
Cigarette treatment		Nil	Nil	Pass

6. SUMMARY OF RESULTS (apply only to the sample tested)

Dimensions - As shown in section 1
Visual inspection - Satisfactory
Water absorption - Satisfactory
Crazing - Satisfactory
Chemical resistance - Satisfactory
Resistance to staining and burning - Satisfactory

Date: 12 Sept 2016 Authorized signature: Vincent Lok

Nutek Systems is a testing agency, approved by the Water Authority and Government Supplies Department, for testing water supply fittings.

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