



Acme Sanitary Ware Co. Ltd.

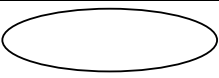
1/F, Acme Building, 22-28 Nanking Street, Kowloon, Hong Kong

Tel: 2388 7171 Fax: 2710 8012


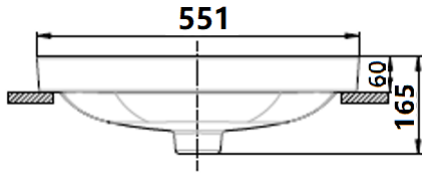
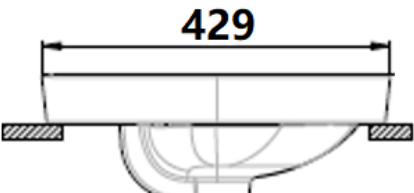
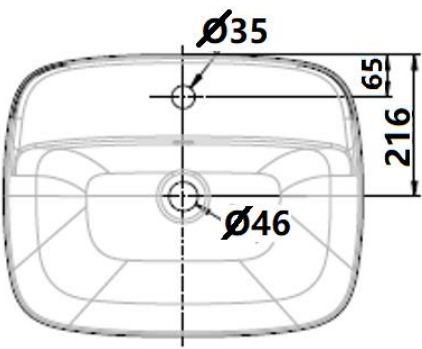

Email: acme@acmesanitary.com.hk

Website: www.acmesanitary.com.hk

American Standard

PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

SANITARY WARE SPECIFICATION SHEET

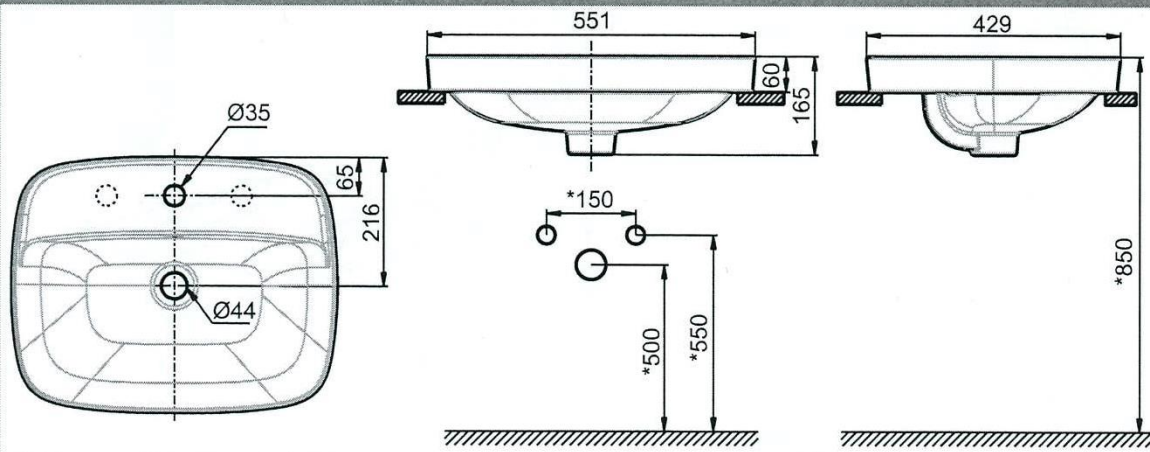
Item Descriptions	American Standard (Vietnam) "Signature" Vitreous china semi-countertop washbasin; tested on BS3402:1969; test report J27591	<p>Illustration/ Drawing</p>    
Dimensions	L551 x W429 x H165mm	
Model	CCAS0420-1010410F0	
Material	Vitreous China	
Manufacturer	American Standard (Vietnam)	
Source	Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Don Yuen	
Contact Tel/Fax E-mail Website	(852) 2388-7171 / (852) 2710-8012 acme@acmesanitary.com.hk www.acmesanitary.com.hk	
<p>Detail specifications: Signature - Counter Top Basin With Overflow Hole Water volume: 3.7L Thin edge Modern Design</p> 		

Note: Same to CCAS0420-101041

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



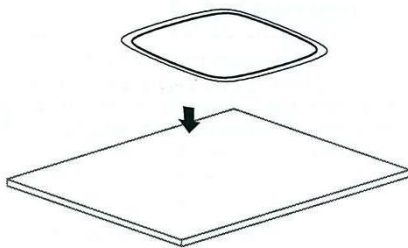
Installation drawing



Installation manual

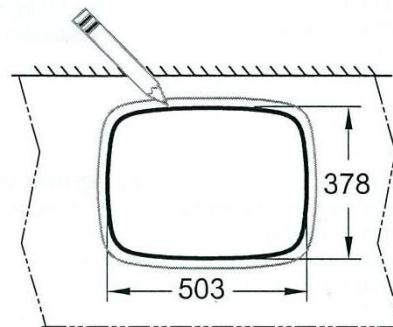
1

PLACETHE TEMPLATE ONTO THE COUNTER



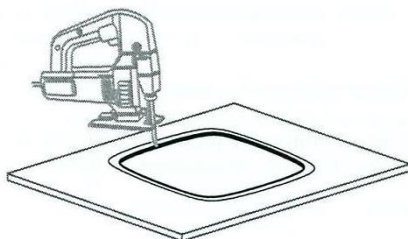
2

TRACE THE PEN ALONG THE TEMPLATE



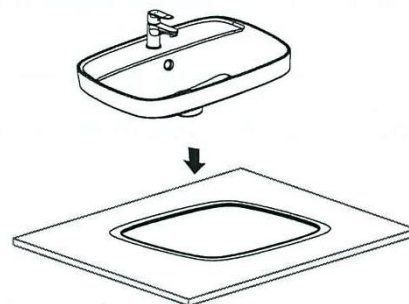
3

CUT THE COUNTER SURFACE ALONG THE LINE



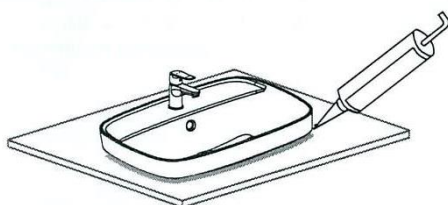
4

PUT THE LAVATORY ONTO THE COUNTER



5

APPLY SILLICON



Test Report



Test

Title : Testing of Wash Basin

Method : BS 3402: 1969

Report No. : J 27591

Completion : 14 Jan., 2022 to 24 Jan., 2022

Applicant (Information provided by client)

Name :

Address :

Sample (Information provided by client)

Description : Signature 550mm Counter Top Basin 1 Hole

Brand : AMERICAN STANDARD

Model : CCAS0420-1010410F0

Body Marking :

*American
Standard*

Manufacturer : LIXIL Vietnam Corporation

Origin : Vietnam

Approved Signatory

Signature :

Hing Kah Kuin

Name (title) : Hing Kah Kuin (Engineer)

Date : 02 Mar., 2022

Nutek Systems is a testing agency,
accepted by the Water Supplies
Department, for testing water supply
fittings.



Report No. J 27591

Summary

Test	Remark
1 Visual Examination	C
2 Water Absorption	C
3 Crazeing	C
4 Chemical Resistance Test	C
5 Resistance to Staining and Burning	C

Results (apply only to samples tested)

1 Visual Examination

BS 3402: 1969 Cl. 5.3, 5.4 & Table 3

Location	Blemish or defect	Maximum permitted	Remark
General	Wavy finish	None on all visible surfaces	C
	Warpage	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)	C
	Discoloration	None on all visible surfaces	C
Service space, top of slab, inside of bowl, front of fascia	Spots, blister and pinholes	A total of not over two; no grouping; for coloured appliances, blister and pinhole limited to one.	C
	Bubbles and specks	A total of not over four; no grouping	C
	Polishing marks	One only; none permitted for coloured figures	C
Visible surfaces other than above	Spots, blisters and pinholes	One only on back or on either side; a total of not over three.	C
	Bubbles and specks	A total of not over four; no grouping.	C
Overall result			C

2 Water Absorption

BS 3402: 1969 Cl. 6

ID	Weight (g)		Absorption (%)	Required	Remark
	Before Test	After Test			
Sample 1	165.5	165.7	0.12	0.75% max.	C
Sample 2	143.7	143.8	0.11		C
Sample 3	161.9	162.1	0.10		C
Average			0.11	0.50% max.	C
Overall result					C

3 Crazeing

BS 3402: 1969 Cl. 7

ID	Variable	Unit	Measured	Required	Remark
1	Saturated steam	MN/m ²	0.34	0.33 - 0.35	C
	Duration	h	10	10	C
	Sample 1	---	No	No	C
	Sample 2	---	No		C
	Sample 3	---	No		C
Overall result					C

4 Chemical Resistance Test

BS 3402: 1969 Cl. 8

Table 4 — Chemical solutions

Name of Chemical	Strength of solution	Time		Temperature
		%	hours	
Acetic acid	10	16	100	100
Citric acid	10	16	100	100
Detergent (Note 1)	(Note 1)	48	60	60
Hydrochloric acid	(Note 2)	48	15 to 21	60
Sodium hydroxide	5	0.5	60	60
Sodium stearate	0.15	48	60	60
Sulphuric acid	3	16	100	100

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".

NOTE 2 This solution consists of equal volumes of water and of hydrochloric acid of specific gravity 1.18.

ID	Solution	Time (h)	Temperature (°C)	Measured	Required	Remark
1	Acetic acid	16	100	No Loss	No loss of reflectivity on glaze	C
	Citric acid	16	100	No Loss		C
	Detergent	48	60	No Loss		C
	Hydrochloric acid	48	20	No Loss		C
	Sodium hydroxide	0.5	60	No Loss		C
	Sodium stearate	48	60	No Loss		C
	Sulphuric acid	16	100	No Loss		C
Overall result						C

5 Resistance to Staining and Burning

BS 3402: 1969 Cl. 9

ID	Variable	Unit	Measured	Required	Remark
1	Methylene blue	---	No Stain	No stain remains	C
	Sodium hypochlorite	---	No Stain		C
	Hydrogen peroxide	---	No Stain		C
	Amyl acetate	---	No Stain		C
	Iodine in ethanol	---	No Stain		C
2	Lighted cigarette	---	No Stain		C
Overall result					C

Figure 1 - Sample



Figure 2 - The Body Marking



General Note(s)

Definitions:

- C - conformance
- N - no requirement
- NC - non-conformance
- R - remainder

Organizations:

- WSD - Water Supplies Department (of Hong Kong)
- WHO - World Health Organization

- End of report -