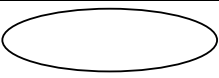

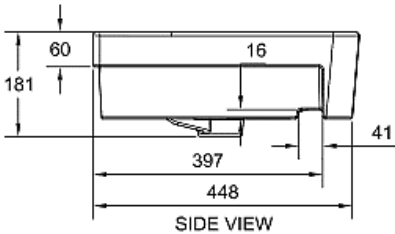
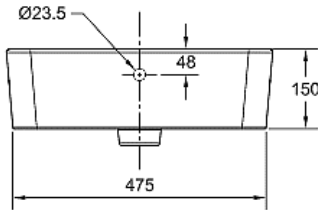
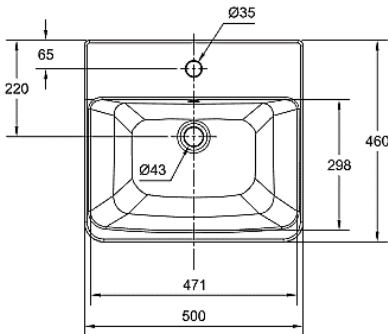




PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

SANITARY WARE SPECIFICATION SHEET

Item Descriptions	American Standard (Thailand) "Acacia Evolution" Vitreous china semi-countertop wash basin; tested on BS1188:1974 & BS3402:1969; test report J27468	<div>Illustration/ Drawing</div>   <p>SIDE VIEW</p>  <p>FRONT VIEW</p>  <p>TOP VIEW</p>
Dimensions	L500 x W460 x H181 mm	
Model	TF0519	
Material/Colour	Vitreous China	
Manufacturer	American Standard (Thailand)	
Source	Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Don Yuen	
Contact Tel/Fax	(852) 2388-7171 / (852) 2710-8012	
E-mail	acme@acmesanitary.com.hk	
Website	www.acmesanitary.com.hk	
<p>· An anti-bacterial glaze keeps the basin clean and effectively inhibits bacteria growth that can cause bad odour. Its anti-bacterial effectiveness lasts as long as the lifetime of the product</p>		

Note: Equivalent to CCASF519-1010411C0 / CP-F519.001

790mm. SUGGESTED

463mm. SUGGESTED

120mm. MINIMUM

465mm.

85mm.

378mm.

80mm.

FINISHED WALL

FINISHED FLOOR

25mm. including thickness of tile, marble or granite

5mm.

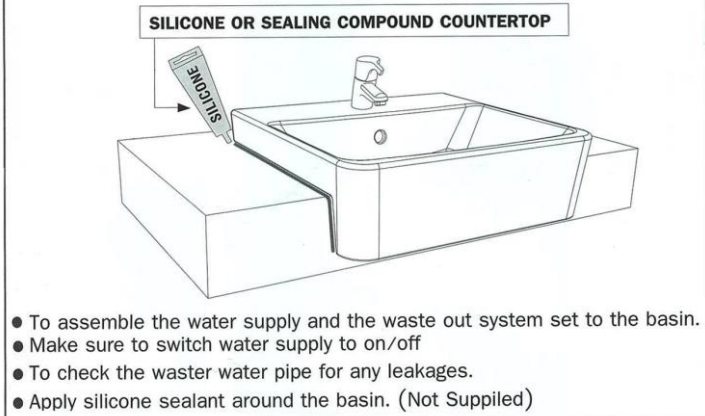
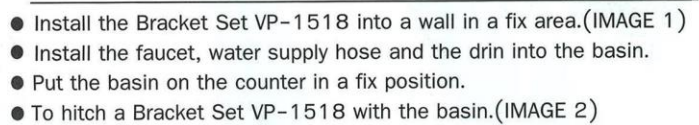
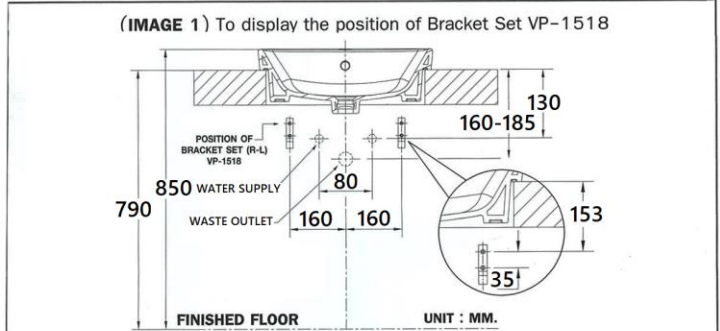
100mm.

Reinforced concrete

A

● Preparation of the area for reinforced concrete form.

AREA PREPARATION FOR INSTALLATION OF THE WATER SUPPLY AND THE WASTE PIPE.



**THE BRACKET SET VP-1518 WAS
PREPARED WITH THE PRODUCT.**

[illegible]



NUTEK

Test Report



TF0519=0519-WT

Test

Title : Testing of Wash Basin

Method : BS 1188: 1974 & BS 3402: 1969

Report No. : J 27468

Completion : 07 Dec., 2021 to 28 Dec., 2021

Applicant (Information provided by client)

Name :

Address :

Sample (Information provided by client)

Description : Semi-counter Basin

Brand : AMERICAN STANDARD

Model : 0519-WT

Body Marking :

*American
Standard*

Manufacturer : LIXIL (Thailand) Public Company Limited

Origin : Thailand

Approved Signatory

Signature :

Name (title) : Tin Sin Yee, Cindy (Engineer)

Date : 31 Dec., 2021

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



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REPORT NO.: J 27468

Sanitary

Test	Remark
1 Dimensions of Wash Basin	As shown in section 1
2 Visual Examination	C
3 Water Absorption	C
4 Crazeing	C
5 Chemical Resistance Test	C
6 Resistance to Staining and Burning	C

Results (apply only to samples tested)

1 Dimensions of Wash Basin

BS 1188: 1974 Cl. 3.4, 3.7, 4 Table 1 & 2

Variable		Unit	Measured
Length		mm	463
Width		mm	500
Total surface area of overflow opening		mm ²	297.27
Depth from top edge of rim to inside base of bowl at centre of outlet		mm	148.7
Distance of centre of outlet from extreme back		mm	218.25
Diameter of tap hole		mm	34.4
Waste	Diameter of recess for waste flange	mm	84
	Depth of recess	mm	9.62
	Diameter of waste hole	mm	45.5



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2 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 fixtures	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

3 Water Absorption

BS 3402: 1969 Cl. 6

ID	Weight (g)		Absorption (%)	Required	Remark
	Before Test	After Test			
Sample 1	163.1	163.4	0.17	0.75% max.	C
Sample 2	170.8	171.1	0.15		C
Sample 3	128.7	128.9	0.21		C
Average			0.18	0.50% max.	C
Overall result					C

4 Crazing

BS 3402: 1969 Cl. 7

03-04-2019 15:05:41

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



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REPORT NO.: J 27468

5 Chemical Resistance Test

BS 3402: 1969 Cl. 8

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

6 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



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- Sample



Figure 2 - Body marking





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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 -