



Since 1949

**Acme Sanitary Ware Co. Ltd.**

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# EMCA

PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

## SANITARY WARE SPECIFICATION SHEET

Item Descriptions	EMCA (PRC) Vitreous china under counter wash basin; tested on BS3402:1969; test report J27454	Illustration/ Drawing
Model	EM0512.206	
Dimensions	L470 x W350 x H195 mm	
Manufacturer	EMCA (PRC)	
Source	Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Don Yuen	
Contact Tel/Fax	(852) 2388-7171 / (852) 2710-8012	
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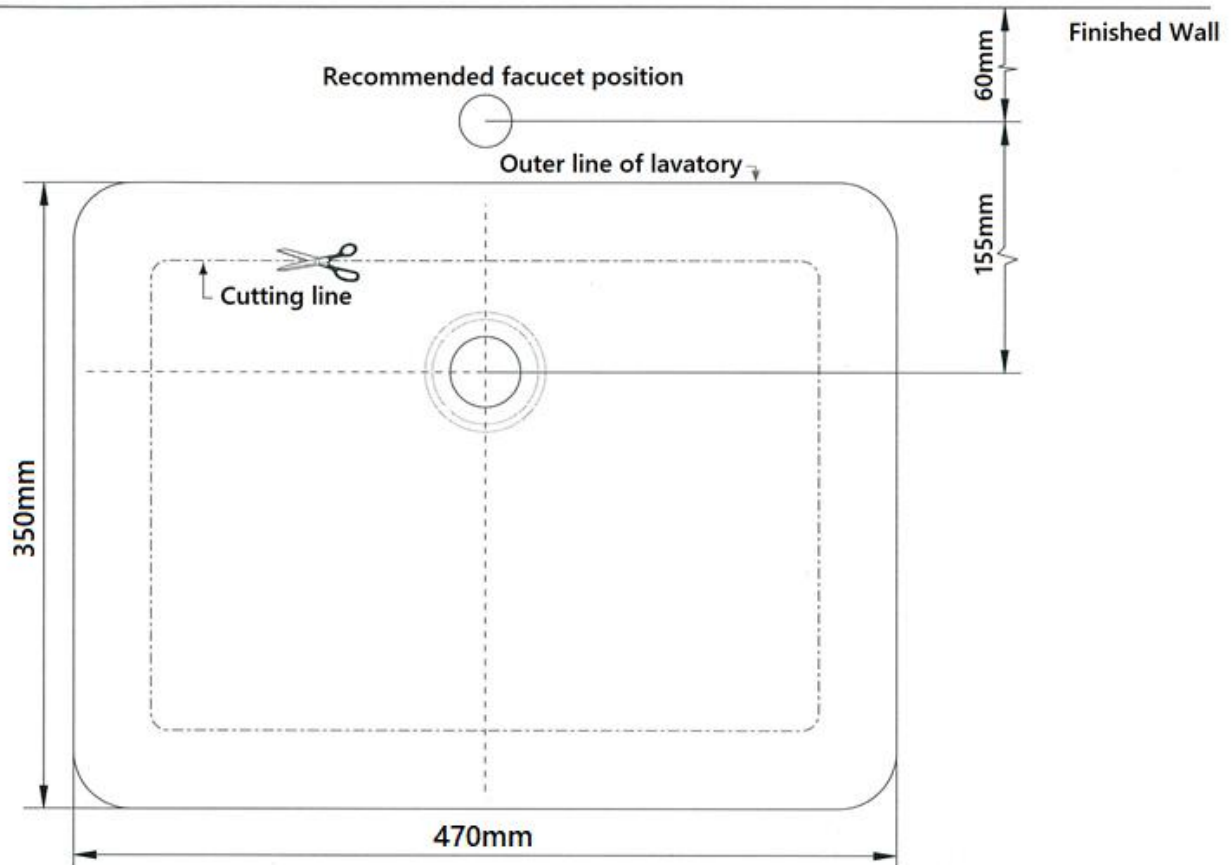
Note:

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



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## SANITARY WARE SPECIFICATION SHEET



### Installation

1. Prepare the area for installation.
2. Place the template on the counter with installing position.
3. Cut the counter following the templates cutting line.
4. Read and understand the instructions of installation subject to site situation.
5. Apply sealing silicone to the basin rim.
6. Place the basin on the counter with installing position.
7. Remove the excess silicone.
8. Connect water supply and check the leakage.

Note:

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## Test Report

**Test**  
 Title: Testing of Wash Basin  
 Method: BS 3402: 1969  
 Report No.: J 27454  
 Completion: 13 Dec., 2021 to 28 Dec., 2021



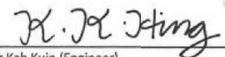
**Applicant** (Information provided by client)  
 Name: Acme Sanitary Ware Co Ltd  
 Address: 1/F, Acme Building, 22-28 Nanking Street, Kowloon, Hong Kong

**Sample** (Information provided by client)  
 Description: Undercounter Washbasin

Brand: EMCA  
 Model: EM0512.206  
 Body Marking: /

Manufacturer:  
 Origin: PRC

### Approved Signatory

Signature:   
 Name (title): Hing Kah Kuin (Engineer)  
 Date: 03 Jan., 2022

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

REPORT NO.: J 27454

## Summary

Test	Remark
1 Visual Examination	C
2 Water Absorption	C
3 Cracking	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 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

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**2 Water Absorption**  
BS 3402: 1969 Cl. 6

ID	Weight (g)		Absorption (%)	Required	Remark
	Before Test	After Test			
Sample 1	119.13	119.40	0.22	0.75% max.	C
Sample 2	148.49	148.88	0.26		C
Sample 3	157.00	157.41	0.26		C
Average			0.25	0.50% max.	C
Overall result					C

**3 Crazing**

BS 3402: 1969 Cl. 7

ID	Variable	Unit	Measured	Required	Remark
1	Saturated steam	MM/m <sup>2</sup>	0.34	0.33 - 0.35	C
	Duration	h	10	10	C
	Sample 1	---	No	No	C
	Sample 2	---	NO	No	C
	Sample 3	---	No	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
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 % (w/vol) of a coordination product of nonylphenol with 8-10 molecules of ethylene oxide. A suitable solution which contains 0.15% (w/vol) of the product is obtainable commercially under the trade name "Lassagol 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		C
	Citric acid	16	100	No Loss		C
	Detergent	48	60	No Loss	No loss of reflectivity on glaze	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

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**5 Resistance to Staining and Burning**  
BS 3402: 1969 Cl. 9

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

Figure 1 - Sample



## 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 -

