
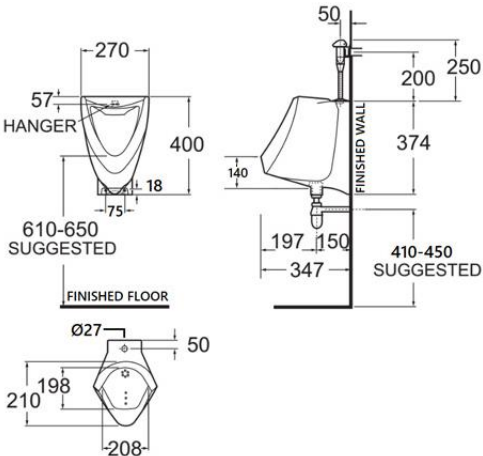




PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

SANITARY WARE SPECIFICATION SHEET

<p>Item Descriptions</p> <p>Dimensions</p> <p>Model</p> <p>Material / Colour</p> <p>Manufacturer</p> <p>Source</p> <p>Contact Tel/Fax</p> <p>E-mail</p> <p>Website</p>	<p>American Standard (Thailand) "Wall" wall-hung top inlet urinal bowl tested on BS5520:1977 & BS3402:1969; test report J4291E</p> <p>L270 x W347 x H400 mm</p> <p>TF412</p> <p>Vitreous China / White</p> <p>American Standard (Thailand)</p> <p>Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Don Yuen</p> <p>(852) 2388-7171 / (852) 2710-8012 acme@acmesanitary.com.hk www.acmesanitary.com.hk</p>	<p align="center">Illustration/ Drawing</p>  
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Note:

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



NUTEK SYSTEMS, LTD.

Unit F, 7/F., Universal Ind. Ctr.
19-21 Shan Mei Street,
Fo Tan, Sha Tin, N.T., Hong Kong
Tel: (852) 2605 5736 Fax: (852) 2692 0798

TEST REPORT

TITLE : Testing of Urinal
OUR REFERENCE : J429iE
DESCRIPTION OF SAMPLE : V.C. Urinal
SAMPLE SUBMITTED BY : Acme Sanitary Ware Co. Ltd.
ACME Building, 22-28 Nanking Street,
Kowloon, Hong Kong.
BRAND : American Standard
COUNTRY OF ORIGIN : Thailand
MODEL : TF-412
METHOD OF TESTS : BS3402 : 1969; BS5520 : 1977
PERIOD OF TESTS : 27th July to 13th August 1998

RESULTS:-

1. DIMENSIONS (BS5520 table 1 – in millimetres)

		Sample	BS Requirement
Overall height		384.1	/
Overall width	J	270	400 max.
Dimension from top of bowl to centre of supply hole or spreader	A	61.4	75 max.
Centre of waste outlet from back of bowl	C	154	100 min.
Dimension of outlet of the waste flange	D	53 *	65 ± 2
Diameter of waste outlet	E	33.5 *	50
Distance from underside of waste outlet to lowest point of rim	F	159	85 min.
Overall projection of bowl from back surface	G	351	380 max.
Distance from underside of waste outlet to top of bowl	H	384.1	600 max.
Depth of waste outlet	K	67.5 *	20

* Deviation from BS's recommended value.

/.....P.2



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TEST REPORT

OUR REFERENCE NO. J4291E (P.2)

2. WATER ABSORPTION

	Water absorption (%)		Remark
	arithmetical mean value	greatest individual value	
Sample	0.07	0.09	Pass
BS Requirement	0.5	0.75	/

3. CRAZING - Pass; no sign of crack after the test.

4. CHEMICAL RESISTANCE

- i) Acetic acid Pass
- ii) Citric acid Pass
- iii) Detergent Pass
- iv) Hydrochloric acid Pass
- v) Sodium hydroxide Pass
- vi) Sodium stearate Pass
- vii) Sulphuric acid Pass

Remark : all test pieces showed no loss of reflectivity on the glaze after the tests.

5. RESISTANCE TO STAINING AND BURNING

- i) Aqueous solution of methylene blue Pass
- ii) Aqueous solution of sodium hypochlorite Pass
- iii) Aqueous solution of hydrogen peroxide Pass
- iv) Amyl acetate Pass
- v) Carbon tetrachloride Pass
- vi) Iodine in ethyl alcohol Pass
- vii) Lighted cigarette Pass

Remark : all test pieces showed no stain after the tests.

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

- Dimension - As shown in section 1.
- Water absorption - Satisfactory
- Crazing - Satisfactory
- Chemical resistance - Satisfactory
- Resistance to staining and burning - Satisfactory

DATE : 3rd September 1998 CERTIFIED : E.A. Bruges

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

E.A. Bruges
BSc PhD CEng FIMarE
FIMechE FHKIE MASME
MASHRAE

Director & General Manager