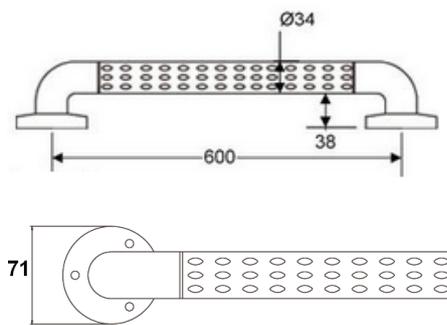




PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

## SANITARY WARE SPECIFICATION SHEET

<p><b>Item Descriptions</b></p> <p><b>Dimensions</b></p> <p><b>Model</b></p> <p><b>Color</b></p> <p><b>Material</b></p> <p><b>Manufacturer</b></p> <p><b>Source</b></p> <p><b>Contact Tel/Fax</b></p> <p><b>E-mail</b></p> <p><b>Website</b></p>	<p>EMCA (Taiwan) Ø34 x 600mm long white ABS coated aluminium grip grab rail ; BS12:1978 &amp; BS882:1973 ; capable of carrying a <b>static loading test 150kg</b> ; test report J17175 ; <b>Antibacterial coating</b> ; test report SN-00-233 ; complied with Barrier Free Access 2008</p> <p>600mm x Ø34 mm</p> <p>EM7041.019</p> <p>White</p> <p>ABS Coated Aluminum</p> <p>EMCA (Taiwan)</p> <p>Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Wilson Hung</p> <p>(852) 2388-7171 / (852) 2710-8012 acme@acmesanitary.com.hk www.acmesanitary.com.hk</p>	<p style="text-align: center;">Illustration/ Drawing</p> <div style="text-align: right;">  </div>  <p style="text-align: center;">↑</p>  <p style="text-align: center;">anti-slip</p>  <p style="text-align: center;">Plastic Expansion Tube &amp; Screws (6pcs)</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 B, 13/F, Block A, Universal Ind. Ctr., 23-25 Shan Mei Street, Fo Tan, Shatin, N.T., Hong K  
Tel: (852) 2605 5736 Fax: (852) 2692 0798 E-mail: nutek@nuteksystems.com



TITLE : Testing of grab bar  
OUR REFERENCE : J 17175  
DESCRIPTION OF SAMPLE : Ø34mm x 600mm Grab bar with white ABS coating  
SAMPLE SUBMITTED BY : Acme Sanitary Ware Co. Ltd.  
1/F., Acme Building, 22 Nanking Street, Kowloon, Hong Kong  
BRAND : EMCA  
MODEL : EM7041.019  
COUNTRY OF ORIGIN : Taiwan  
TEST REQUIRED : Loading test  
PERIOD OF TESTS : 6<sup>th</sup> August 2013

**RESULTS** : - (apply only to the sample tested)

## LOAD TEST

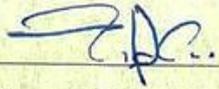
The grab rail sample was installed onto a concrete wall made of concrete mix grade 30D10 (cement to BS12: 1978 and Aggregate to BS882: 1973).

A test load was applied vertically to the mid point of the rail which was then examined for any signs of damage.

	Test load (kg)	Duration (minute)	Visual damage (e.g. breakage, deformation, etc.)	Remark
Sample	150	5	No visual damage	Pass

Date : 26 Nov 2013 Authorized signature : \_\_\_\_\_

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

  
Sunny K.S. Wong

( Director )



## REPORT OF ANTIBACTERIAL TEST REPORT

**Description of the examined item** : Toilet parts

**Reporting date** : May 12, 2000

**Report No.** : SN-00-233

**Title of the Test** : Film Sealing method

**Category of Bacteria** : Escherichia coli  
Staphylococcus flavus

SINANEN ZEOMIC CO., LTD.  
TOKYO, JAPAN  
BIOCIDE BUSINESS DIVISION



# REPORT OF TEST INSPECTION

June 17, 2000

It is hereby certified that the test results from this institute assigned on June 3, 2000 are as the followings:

The assigned organization by Health Department  
 Shen-Wei No. 650 of Health Department  
 Corporate Body: Kyoto Microbiology Institute  
 No. 16-2 Yamakubo Machi, Yamashina Ku, Kyoto City, Japan  
 TEL: 075-593-3320 FAX:075-501-7110  
 Inspector: Matsuura

1. Description of the examined item : Antibacterial items
2. Testing purpose : Test on antibacterial strength evaluation
3. Test method : Film sealing method  
 Drop 1/500 common bacteria culture medium to make bacteria fluid on top of the testing item according to the "Film Sealing method of antibacterial items technical agreement association". Store at 35°C upon sealed with film. Test and find out the bacteria-generating amount on the testing chip of the bacteria fluid.
4. Strain used : *Escherichia coli* IFO-3972  
*Staphylococcus aureus* IFO-12732
5. Culture medium : Standard fluid culture medium (VGH Research).
6. Test results :

Description of Bacteria	Changes of bacteria through time				
	Initial 0 hr	24hr-1	24hr-2	24hr-3	Average
<i>E.coli</i>	$4.6 \times 10^5$	$6.0 \times 10^2$	$3.4 \times 10^3$	$6.7 \times 10^2$	$1.6 \times 10^3$
<i>St. aureus</i>	$4.2 \times 10^5$	$1.2 \times 10^3$	$1.0 \times 10^2$	$1.6 \times 10^2$	$4.9 \times 10^2$

## Comparison test results

Description of Bacteria	Changes of bacteria through time				
	Initial 0 hr	24hr-1	24hr-2	24hr-3	Average
<i>E.coli</i>	$4.6 \times 10^5$	$2.7 \times 10^7$	$2.8 \times 10^7$	$2.4 \times 10^7$	$2.6 \times 10^7$
<i>St. aureus</i>	$4.2 \times 10^5$	$1.9 \times 10^5$	$2.1 \times 10^5$	$1.8 \times 10^5$	$1.9 \times 10^5$

< 10 : Did not find out

Unit : CFU/sheet