



MALAYSIAN STANDARD

MS 147 : 2001

SPECIFICATION FOR QUALITY OF VITREOUS CHINA SANITARY APPLIANCES (FIRST REVISION)

ICS : 91.140.70

Descriptors : vitreous china, sanitary appliances, quality of glazing, definitions, tolerances, test methods

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Committee representation

The Building and Civil Engineering Industry Standards (ISC D) Committee under whose supervision this Malaysian Standard was developed, comprises representatives from the following organisations:

Association of Consulting Engineers Malaysia
Chartered Institute of Building Malaysia
Construction Industry Development Board Malaysia
Department of Standards Malaysia
Jabatan Bekalan Elektrik dan Gas
Jabatan Bomba dan Penyelamat Malaysia
Master Builders Association
Ministry of Housing and Local Government (Housing Department)
Ministry of Works
Pertubuhan Akitek Malaysia
The Institution of Engineers, Malaysia
Universiti Teknologi Malaysia

The Technical Committee on Sanitary Ware which developed this Malaysian Standard consists of representatives from the following organisations:

Construction Industry Development Board Malaysia
Goh Ban Huat Berhad
Jabatan Kerja Raya
Kementerian Perdagangan Antarabangsa dan Industri
Master Builders Association Malaysia
Pertubuhan Akitek Malaysia
The Institution of Engineers, Malaysia
Universiti Kebangsaan Malaysia
Sanitec Johnson Suisse Sdn. Bhd.
Sime Inax Sdn. Bhd.
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FOREWORD

This Malaysian Standard was developed by the Technical Committee on Sanitary Ware under the authority of the Building and Civil Engineering Industry Standards Committee.

This Malaysian Standard was prepared based on BS 3402 : 1969, 'Specification for quality of vitreous china sanitary appliances'. During development of this standard, reference was also made to AS 1976 : 1992, 'Vitreous china used in sanitary appliances' and SS 42 : 1971, 'Quality of vitreous china sanitary appliances'.

This Malaysian Standard deals with quality of vitreous china appliances and details the test by which quality shall be assessed. The main changes featured in this standard include :

Clause 2 Definitions

A few new definitions were added, some were revised and some were eliminated from the standard.

Clause 12 Marking and Clause 13 Certification mark

Both are new clauses, introduced for marking and certification purposes.

Table 1

Table 1 is the combination of the previous tables which were Table 1, Table 2 and Table 3. Major changes have been made to the maximum permitted blemishes and defect to the appliances.

Appendix D

Test for burning was eliminated from the standard.

Appendix E

Test for warpage was introduced in the standard.

This revised standard supersedes MS 147 : 1973, 'Specification for quality of vitreous china sanitary appliances'

Compliance with a Malaysian Standard does not of itself confer immunity from legal obligations.