



# MALAYSIAN STANDARD

MS 1294-2:2013

## Wall and floor tiling - Part 2: Design and installation of external ceramic and mosaic wall tiling in normal conditions - Code of practice (First revision)

ICS: 91.060.01; 91.060.30

Descriptors: wall tiles, design, installation, exterior wall coverings, ceramics, mosaics, adhesives, tiles, tiling, cements, render, cement mortar, storage, construction materials, sealing materials, grouting, adhesive-bonded joints, joints, weather resistance, cleaning, maintenance, movement joints, construction operations, wall coverings, sand, shrinkage, surface treatment

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## Committee representation

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

Association of Consulting Engineers Malaysia  
Construction Industry Development Board Malaysia  
Department of Irrigation and Drainage Malaysia  
Department of Standards Malaysia  
Dewan Bandaraya Kuala Lumpur  
Federation of Malaysian Manufacturers  
Jabatan Bomba dan Penyelamat Malaysia  
Jabatan Kerajaan Tempatan  
Jabatan Kerja Raya Malaysia  
Malaysian Timber Council  
Malaysian Timber Industry Board  
Master Builders Association Malaysia  
Pertubuhan Akitek Malaysia  
Projek Lebuhraya Utara-Selatan Berhad  
Real Estate and Housing Developers' Association Malaysia  
SIRIM Berhad (Secretariat)  
Suruhanjaya Perkhidmatan Air Negara  
The Cement and Concrete Association of Malaysia  
The Institution of Engineers, Malaysia  
Universiti Sains Malaysia  
Universiti Teknologi Malaysia

The Technical Committee on Ceramic Materials and Sanitary Fittings which supervised the development of this Malaysian Standard consists of representatives from the following organisations:

Building Materials Distributors Association of Malaysia  
Chen Yew Plastics Sdn Bhd  
Construction Industry Development Board Malaysia  
FMM Malaysian Ceramic Industry Group  
IKRAM QA Services Sdn Bhd  
Jabatan Kerja Raya Malaysia  
Master Builders Association Malaysia  
Ministry of Housing and Local Government  
Ministry of International Trade and Industry  
Pertubuhan Akitek Malaysia  
SIRIM Berhad (Secretariat)  
SIRIM QAS International Sdn Bhd  
Suruhanjaya Perkhidmatan Air Negara  
Universiti Teknologi MARA

## **MS 1294-2:2013**

### **Committee representation *(continued)***

The Working Group on Ceramic Tiles which developed this Malaysian Standard consists of representatives from the following organisations:

ATSA Architects Sdn Bhd

Building Materials Distributors Association of Malaysia

Ceramic Research Company Sdn Bhd

Construction Industry Development Board Malaysia

FMM Malaysian Ceramic Industry Group

Jabatan Kerja Raya Malaysia

Kingres Marketing Sdn Bhd

Kolej Kemahiran Tinggi MARA

Malaysian Mosaics Berhad

Manewtech Belle Sdn Bhd

Mapei (M) Sdn Bhd

Master Builders Association Malaysia

Ministry of Housing and Local Government

Parex Group Sdn Bhd

Pertubuhan Akitek Malaysia

SIRIM Berhad (Secretariat)

SIRIM Berhad (Structure Materials Programme)

SIRIM QAS International Sdn Bhd

Universiti Teknologi MARA

## Foreword

This Malaysian Standard was developed by the Working Group on Ceramic Tiles under the authority of the Industry Standards Committee on Building, Construction and Civil Engineering.

Major modifications in this revision are as follows:

- a) the title has been changed from “Wall and floor tiling - Part 2: Code of practice for the design and installation of external ceramic wall tiling and mosaics (including terra cotta and faience slabs)” to “Wall and floor tiling - Part 2: Design and installation of external ceramic and mosaic wall tiling in normal conditions - Code of practice”;
- b) the standard now recommends that only adhesives are used for bedding external tiling, although cement:sand mortar remains an alternative for bedding mosaics and some key-backed extruded tile;
- c) illustrations of movement joints have been included;
- d) tables for sealants and backgrounds have been revised; and
- e) a cleaning and maintenance section has been added.

MS 1294 consists of the following parts, under the general title *Wall and floor tiling*:

*Part 1: Design and installation of ceramic, natural stone and mosaic wall tiling in normal internal conditions - Code of practice*

*Part 2: Design and installation of external ceramic and mosaic wall tiling in normal conditions - Code of practice*

This Malaysian Standard cancels and replaces MS 1294: Part 2:1993, *Wall and floor tiling - Part 2: Code of practice for the design and installation of external ceramic wall tiling and mosaics (including terra cotta and faience slabs)*.

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