



MALAYSIAN STANDARD

MS 2500:2020

**Roofing and cladding products from metal
sheet - Specification for self-supporting of
steel sheet
(First revision)**

ICS: 91.060.20

Descriptors: roofing products, metal, sheet, self-supporting, steel, specification

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Committee representation

The National Standards Committee on Metallic Materials and Semi-Finished Products (NSC P) 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 Standards Malaysia (Secretariat)
Federation of Malaysian Manufacturers
IKRAM QA Services Sdn Bhd
Jabatan Kerja Raya
Jabatan Standard Malaysia
Malaysia Steel Association
Malaysia Steel Institute
Malaysian Iron and Steel Industry Federation
Master Builders Association Malaysia
Ministry of International Trade and Industry
Pertubuhan Arkitek Malaysia
SIRIM Berhad (Previous secretariat)
SIRIM QAS International Sdn Bhd (Civil and Construction Section)
SIRIM QAS International Sdn Bhd (Chemical & Consumer Section)
The Institution of Engineers, Malaysia
Universiti Malaya (Fakulti Kejuruteraan Mekanikal)
Universiti Sains Malaysia
Universiti Teknologi Mara
Universiti Teknologi Malaysia

The Technical Committee on Continuous Mill, Flat, Rolled Products which supervised this Malaysian Standard consists of representatives from the following organisations:

Construction Industry Development Board
Department of Standards Malaysia (Secretariat)
IKRAM QA Services Sdn Bhd
Jabatan Kerja Raya Malaysia
Malaysia Steel Association
Malaysian Iron and Steel Industry Federation
Master Builders Association Malaysia
SIRIM Berhad (Previous secretariat)
SIRIM QAS International Sdn Bhd
Syarikat Bekalan Air Selangor Sdn Bhd
The Institution of Engineers, Malaysia
Universiti Malaya

Co-opted members:

Asia Roofing Industries Sdn Bhd
Astino Berhad
CSC Steel Sdn Bhd
FIW Steel Sdn Bhd
KHP Roofing (M) Sdn Bhd
Malaysia Steel Institute
Mycron Steel CRC Sdn Bhd
NS Bluescope Lysaght Malaysia Sdn Bhd
NS BlueScope Malaysia Sdn Bhd
Swissma Building Technologies Sdn Bhd

Foreword

This Malaysian Standard was developed by the Technical Committee on Continuous Mill, Flat, Rolled Products under the authority of the Industry Standards Committee on Metallic Materials and Semi-Finished Products.

This Malaysian Standard is the first revision of replaces MS 2500:2012, *Roofing products from metal sheet - Self-supporting products of steel sheet - Specification*.

Major Modification in this revision are as follows:

- a) Title of this Malaysian Standard was changed to “Roofing and Cladding Products from Metal Sheet-Specification for Self-Supporting of Steel Sheet”.
- b) Specifies requirements for self-supporting roofing, covering, wall cladding, lining, liner trays and tiles products for discontinuous laying made from metallic coated steel sheet with or without additional organic coatings. Sheets intended to be used with insulation and membranes has been added.
- c) This Malaysian Standard does not cover products for structural purposes, i.e. it does cover products used in constructions of Class III (according to MS EN 1993-1-3), it does not cover products used in constructions of Classes I and II (according to MS EN 1993-1-3) intended to contribute to the global or partial stability of the building structure by providing racking resistance or resistance to permanent static loads (excluding self-weight of the metal sheet).
- d) Hot-dip aluminium-zinc-magnesium coated steel sheet (type AM) and hot-dip zinc-aluminium-magnesium alloy coating (type ZM) coated steel sheet has been added.
- e) Trapezoidal profile with and without stiffeners have been specified.

This Malaysian Standard cancels and replaces MS 2500:2012, *Roofing products from metal sheet - Self-supporting products of steel sheet - Specification*.

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