

SINGAPORE STANDARD

Code of practice for metal roofing



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Contents

	Page
Foreword _____	6

CODE OF PRACTICE

1	Scope _____	7
2	Definition _____	7
3	Materials _____	11
4	Design _____	20
5	Fastening _____	36
6	Flashings _____	39
7	Site practice _____	42
8	Transport _____	45
9	Testing _____	46

TABLES

1	Acceptability of drainage from one surface to a lower metal or alloy surface _____	13
2	Acceptability of direct contact between metals or alloys _____	14
3	Timber purlin spacings _____	25
4	Typical roof temperature _____	26
5	Minimum roof pitch _____	29
6	Recommended minimum radius for concave/convex spring curving _____	31
7	Self drilling screws _____	37
8	Recommended drilling speeds _____	37

FIGURES

1	Product under bending or tension _____	17
2	Wind pressures on buildings _____	22
3	Fixing curved sheeting _____	30
4	Radius of curvature _____	31
5	Capped roofs _____	32
6	Graph of the cross-sectional area of internal and external gutters and downpipes _____	35

Foreword

This Code of Practice was prepared by the Technical Committee for Architectural Practice under the direction of the Construction Industry Practice Committee.

This code deals with the installation method for metal roofing. It is intended primarily to lay down requirements regarding design and its application. It represents a standard of good practice and therefore takes the form of recommendations.

This code seeks to establish the basic ground rules for the installation for the metal roofing and other related components and for their reasonable performance under normal applications. The ultimate performance of the total roofing system will however still rely on good and careful design, detailing and workmanship.

In preparing this code, reference was made to the following publications:

- 1 AS 1170 : - SAA Loading code
Part 1 : 1989 Dead and live loads and load combination
Part 2 : 1989 Wind loads
- 2 AS 1562 : 1992 Design and Installation of Metal Roofing
- 3 AS 3566 : 1988 Screws – self-drilling – for the building and construction industries
- 4 NZS 3403 : 1978 Hot-dip galvanised corrugated steel sheet for building purposes
- 5 Profiled metal roofing, *Design and installation handbook*, written and compiled by S.W. Thomson for the New Zealand Metal Roofing and Cladding Manufacturers Association

Acknowledgement is made for the use of information from the above publications.

NOTE

1. *Singapore Standards are subject to periodic review to keep abreast of technological changes and new technical developments. The revisions of Singapore Standards are announced through the issue of either amendment slips or revised editions.*
2. *Compliance with a Singapore Standard does not exempt users from legal obligations.*

Code of practice for metal roofing

1 Scope

This Code of Practice is intended to provide guidelines, information and recommendations to the specifier and end user on the design, performance, installation, transportation and handling of metal roofing material. It represents a standard of good practice between manufacturers and roofing contractors. It covers the use of galvanised, zinc/aluminium and pre-painted profile metal conforming to SS 370 : 1994 and other trapezoidal and trough section roof profiles not specifically covered by appropriate standards. It is intended to be read in conjunction with manufacturer's technical product literature.

NOTE – The titles of the publications referred to in this standard are listed at the end of the standard.

roof surfaces or at a parapet wall.