

SINGAPORE STANDARD

SS 542 : 2008

(ICS 25.220.10; 87.020)

CODE OF PRACTICE FOR

The painting of buildings

(Formerly CP 22 : 1981)

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Foreword

This Singapore Standard was prepared by the Working Group on the review of CP 22 appointed by the Technical Committee for Surface Coatings which is under the purview of Chemical Standards Committee. This standard is the result of the revision of CP 22 : 1981 and has been renumbered as SS 542 : 2008.

The changes include:

- a) update on sections 2 and 3.
- b) update on the paint types in Annex A – ‘Function of paint types’ to reflect current practices and new developments.
- c) information on application of the various paint types.

The objective of this standard is to provide guidance and recommend good practice for the design, application and maintenance of decorative paint systems for use by the paint industry in the development of painting specifications for the building industry.

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

1. AS/NZS 2311 : 2000 Guide to the painting of buildings
2. BS 6150 : 1991 Code of practice for painting of buildings
3. Building and Construction Authority Singapore: Good industry practices: Painting

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

Coating materials and processes are subject to continuing development and improvement, and the recommendations in this standard do not preclude the use of other materials or processes when these can be shown to have equivalent or better performance.

Attention is drawn to the possibility that some of the elements of this Singapore Standard may be the subject of patent rights. SPRING Singapore shall not be held responsible for identifying any or all of such patent rights.

NOTE

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

Code of practice for the painting of buildings

Section One – General

1.1 Scope

This standard specifies the requirements of good industry practices for the painting of buildings. It provides recommendations for good industry practice in the painting of low and high rise buildings, excluding specialised buildings.

The standard takes into account the need to protect many building surfaces against the weather or other forms of attack normally encountered.

The paints referred to in this standard are principally of conventional type, generally of acrylic, enamel, polyurethane, epoxy, silicone and intumescent types but limited reference is made to special paints. This standard does not claim to cover in details the wide and constant increasing range of paints available. Some types of paint have been excluded because of their obsolescence, limited or specialised usage, environmental hazard or, in the case of newly-developed products, lack of experience of their performance in service.

The recommendations made in the standard are intended to facilitate achievement of good quality of finishes, provided that the works of other trades have been completed in compliance with the codes of practice of the respective trades. Where especially high standards of finish are required, more elaborate processes and systems other than those described in this standard may be necessary and should be specified and/or carried out according to the manufacturer's instructions/specifications.

1.2 Normative references

The following referenced documents are indispensable for the application of this standard. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

SS 5	Methods of test for paints, varnishes and related materials
SS 7	Paint – Finishing, gloss enamel
SS 34	Undercoat for gloss enamel
SS 37	Aluminium paint
SS 38	Aluminium wood primer
SS 82	Bitumen based primer for hot or cold application
SS 83	Hot applied bitumen based coating for protection against corrosion
SS 87	Cement paint
SS 133	Bituminous paints for decorative purposes
SS 494	Lead and chromate-free primer for iron and steel substrates
BS 3761	Specification for solvent-based paint remover
ISO 6308	Gypsum plasterboard – Specification