## SS 38 : 1998 (ICS 87.060)

# SINGAPORE STANDARD Specification for aluminium wood primer

Amendment No. 1 & 2 (issued separately)





**SS 38 : 1998** (ICS 87.060)

# SINGAPORE STANDARD Specification for aluminium wood primer

Published by Enterprise Singapore

All rights reserved. Unless otherwise specified, no part of this Singapore Standard may be reproduced or utilised in any form or by any means, electronic or mechanical, including photocopying and microfilming, without permission in writing from Enterprise Singapore. Request for permission can be sent to: standards@enterprisesg.gov.sg.

ISBN 9971-67-680-X

This Singapore Standard having been approved by the Chemical Standards Committee was endorsed by the Standards Council on 3 August 1998.

First published, 1971 First revision, 1998

The Chemical Standards Committee appointed by the Standards Council consists of the following members:

		Name	Organisation	
Chairman	:	Mr Koh Soo Nam	Standards Council	
Secretary	:	Ms Lim Lee Fang	Singapore Productivity and Standards Board	
Members	:	Dr Chong Hooi Loong	Singapore Productivity and Standards Board	
		Mr Chua Teck Hock	Institute of Science and Forensic Medicine	
		Dr Pranav Joshi	Singapore Confederation of Industries	
		Mr Lim Kew Leong	Ministry of the Environment	
		Dr Ng Tju Lik	Singapore National Institute of Chemistry	
		Dr Rangaiah G P	Institution of Engineers Singapore	
		Assoc Prof Tan Thiam Chye	National University of Singapore	
		Mr Wong Sun Yew	Singapore Paint Manufacturers' Association	

The Technical Committee on Paints and Varnishes appointed by the Chemical standards Committee and responsible for the preparation of this standard consists of representatives from the following organisations:

		Name	Organisation	
Chairman	:	Mr Lim Eng Kiat	Individual Capacity	
Secretary	:	Ms Lim Lay Eng	Singapore Productivity and Standards Board	
Members	:	Mr Ch'ng Peng Soon	Jurong Town Corporation	
		Ms Maria Felicia Fermin	Singapore Confederation of Industries	
		Mr Foo Tee Sim	Housing and Development Board	
		Mrs Foo-Tham Poh Keng	Singapore Productivity and Standards Board	
		Mr Gilbert T C Kuek	Singapore Contractors' Association Limited	
		Mr Phan Chin Poh	Public Works Department	
		Dr Paul Philpot	Singapore Paint Manufacturers' Association	
		Mr Victor Wee Chye Hin	Singapore Institute of Architects	
		Mr Wong Sun Yew	Singapore Paint Manufacturers' Association	

Page

#### Contents

Foreword	4

#### SPECIFICATION

1	Scope	5
2	Classification	5
3	Approved sample	5
4	Sampling and preparation	5
5	Requirements	5
6	Testing	7
7	Keeping qualities	8
8	Packing and Marking	8

#### ANNEX

A	Testing arrangements	9

#### TABLES

1	Quantitative requirements of pigment in the paint	6
2	Quantitative requirements of the paints	6
3	Test methods	7

#### Foreword

This Singapore Standard was prepared by the Technical Committee on Paints and Varnishes under the direction of the Chemical Standards Committee.

It is a revision of SS 38 : 1971. The major changes in the revised edition are as follows:

- (a) Exclusion of quantitative requirement for "vehicle content".
- (b) Adoption of requirement on reduction of uncombined water.
- (c) Amendment to ranges of viscosity.
- (d) Amendment of temperature for keeping quality of paints.
- (e) Significant reduction of lead content requirement.

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

- 1) BS 388 : 1972 Specification for aluminium pigments
- 2) BS 1795 : 1976 Specification for extenders for paints
- 3) SS 5 "Methods of test for paints, varnishes and related materials"

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

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

#### NOTE

Singapore Standards (SSs) and Technical References (TRs) are reviewed periodically to keep abreast of technical changes, technological developments and industry practices. The changes are documented through the issue of either amendments or revisions. Where SSs are deemed to be stable, i.e. no foreseeable changes in them, they will be classified as "Mature standards". Mature Standards will not be subject to further review, unless there are requests to review such standards.

<sup>2.</sup> An SS or TR is voluntary in nature except when it is made mandatory by a regulatory authority. It can also be cited in contracts making its application a business necessity. Users are advised to assess and determine whether the SS or TR is suitable for their intended use or purpose. If required, they should refer to the relevant professionals or experts for advice on the use of the document. Enterprise Singapore and the Singapore Standards Council shall not be liable for any damages whether directly or indirectly suffered by anyone or any organisation as a result of the use of any SS or TR. Although care has been taken to draft this standard, users are also advised to ensure that they apply the information after due diligence.

<sup>3.</sup> Compliance with a SS or TR does not exempt users from any legal obligations.

### Specification for aluminium wood primer

#### 1 Scope

This specification applies to a ready-for-use paint suitable as the primer on wood surfaces with good sealing properties.

#### 2 Classification

The aluminium wood primer shall be one of the following types :-

Type 1 - Leafing Type 2 - Non-leafing