

SRI LANKA STANDARD 557:2017
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**SPECIFICATION FOR
EMULSION PAINTS FOR EXTERIOR USE
(SECOND REVISION)**

SRI LANKA STANDARDS INSTITUTION

Sri Lanka Standard
SPECIFICATION FOR EMULSION PAINTS FOR EXTERIOR USE
(Second Revision)

SLS 557:2017
(Attached AMD 558)

Gr. 7

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Sri Lanka.

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FOREWORD

This Sri Lanka Standard was approved by the Sectoral Committee on Chemical and Polymer Technology and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 2017-05-04.

Emulsion paints have gained popularity for characteristics such as ease of application, quick drying properties, non-objectionable odour and good washability. In these paints water is used for thinning instead of organic solvents. As far as emulsion paints for exterior use are concerned, weathering resistance is the one of the most important criterion.

This Standard was first published in 1982 and First Revision was issued in 2009. This Second Revision is issued to incorporate amendments brought to **SLS 557:2009** and to introduce new Test Method for determination of drying time and resistance to alkali. In this revision the test panels of asbestos have been replaced by non asbestos panel and changed the pH and number of cycles for determination of scrub resistance. Accelerated method have been introduced for determination of resistance to fungus.

This Standard is subject to the restrictions imposed under the Consumer Affairs authority Act No. 09 of 2003 and any other relevant Acts.

For the purpose of deciding whether a particular requirement of this Specification is complied with, the final value, observed or calculated, expressing the result of a test or an analysis, shall be rounded off in accordance with **SLS 102**. The number of significant places retained in the rounded off value shall be the same as that of the specified value in this Specification.

1 SCOPE

This Specification prescribes the requirements and methods of sampling and tests for emulsion paints used for exterior decoration on buildings after surface preparation and priming wherever necessary.

2 REFERENCES

ASTM D	1308	Standard Test Method for Effect of Household Chemicals on Clear and Pigmented Organic Finishes
ASTM D	2486	Standard Test Methods for Scrub Resistance of Wall Paints
ASTM D	5590	Standard Test Method for Determining the Resistance of Paint Films Related Coatings to Fungal Defacement by Accelerated Four-Week Agar Plate Assay
ASTM D	5895	Standard Test Methods for Evaluating Drying or Curing During Film Formation of Organic Coatings Using Mechanical Recorders