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**SPECIFICATION FOR
CLAY ROOFING TILES**
(Second Revision)

SRI LANKA STANDARDS INSTITUTION

Sri Lanka Standard
SPECIFICATION FOR CLAY ROOFING TILES
(Second Revision)

SLS 2 : 2016

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FOREWORD

This standard was approved by the Sectoral Committee on Building and Construction Materials and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 2016-11-24.

Sri Lanka Standard for Clay Roofing Tiles first published in 1967 and revised in 1975 is superseded by this second revision. Subsequent introduction of new production technologies accompanied by different tile profiles and the requirements generated by export and import demands necessitated this revision.

This second revision of the standard, which takes into account the above developments provides for several types of tiles based on cross sectional profiles and three categories of tiles based on water absorption . Methods of testing tiles for the requirements specified in the standard have been brought in line with international practices. The current revision includes the technical procedure of determination of dry transverse strength of tiles as an optional requirement and its permissible limits, in line with current regulatory limits given in international standards. In addition, a test for efflorescence was introduced.

For the purpose of installation of tiles on roofs under windy and other unusual conditions, it is expected that the manufacturer will provide the necessary guidelines to the user.

For the purpose of deciding whether a particular requirement of this standard 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 figures retained in the rounded off value shall be the same as that of the specified value in this standard.

In the preparation of this standard the assistance derived from the publications of the European Committee for Standardization (CEN) and the American Society for Testing and Materials (ASTM) is gratefully acknowledged.

1. SCOPE

This standard covers clay tiles intended for use as roof covering where strength, durability and appearance are required to provide a weather-resistant surface.

This standard pertains to three categories of tiles based on water absorption.

Tiles manufactured for special applications, such as restoration of ancient buildings and for specific architectural designs are not covered by this standard. In addition, tiles which are glazed, engraved or coloured have been excluded.