AS 1884:2021

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Floor coverings — Resilient sheet and tiles — Installation practices

AS 1884:2021

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AWTA Product Testing (Testing Interests Australia)
Australian Flooring Industry Alliance
Australian Industry Group
Australian Institute of Building Surveyors
Australian Resilient Floorcovering Association
Building Designers Association of Australia
Carpet Institute of Australia
Cement Concrete & Aggregates Australia
Floorcovering Institute of Australia
Vinyl Council of Australia

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Preface

This Standard was prepared by the Standards Australia Committee PL-015, Resilient Flooring, to supersede AS 1884 — 2012, *Floor coverings — Resilient sheet and tiles — Installation practices*.

The objective of this document is to provide minimum requirements for the installation and application of resilient coverings for Australian conditions to ensure that the installed product is fit for purpose.

Content in Clause 5.9 and Appendix G has been used with permission from Dale Peterson.

The terms “normative” and “informative” are used in Standards to define the application of the appendices to which they apply. A “normative” appendix is an integral part of a Standard, whereas an “informative” appendix is only for information and guidance.

The inclusion of roles and responsibilities in AS 1884:2020 was approved by the Standards Development and Accreditation Committee (SDAC) on 2 May 2019, on a transitional basis of 5 years from the date of publication.

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Section 1 Scope and general

1.1 Scope

This document sets out procedures for the preparation, laying and fixing of resilient sheet and tile floor coverings in all forms including flexible PVC, semi-rigid PVC, hybrid modular, linoleum, and rubber. It also applies to self-adhesive tiles.

This document gives details of the work necessary to prepare subfloor surfaces, together with procedures to be adopted for laying the resilient covering.

This document does not apply to the laying of textile floor coverings (carpets), bamboo, laminate, engineered flooring, melamine, timber or cork products.

1.2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document.

NOTE Documents referenced for informative purposes are listed in the Bibliography

AS 1684, *Residential timber-framed construction (series)*

AS 1860.2, *Particleboard flooring, Part 2: Installation*

AS 2870, *Residential slabs and footings*

AS 3740, *Waterproofing of domestic wet areas*

AS/NZS 1859.1, *Reconstituted wood-based panels — Specifications, Part 1: Particleboard*

AS/NZS 1859.2, *Reconstituted wood-based panels — Specifications, Part 2: Dry-processed fibreboard*

AS/NZS 1859.4, *Reconstituted wood-based panels — Specifications, Part 4: Wet-processed fibreboard*

AS/NZS 2269.0, *Plywood — Structural, Part 0: Specifications*

AS/NZS 2908.2, *Cellulose-cement products, Part 2: Flat sheets*

AS/NZS 4858, *Wet area membranes*

IEC 61340-4-1 ed2.1 Consol. with am1, *Electrostatics — Part 4-1: Standard test methods for specific applications — Electrical resistance of floor coverings and installed floors*

IEC 61340-5-1, *Electrostatics — Part 5-1: Protection of electronic devices from electrostatic phenomena - General requirements*

ISO 10581, *Resilient floor coverings — Homogeneous poly(vinyl chloride) floor covering — Specifications*

ISO 10582, *Resilient floor coverings — Heterogeneous poly(vinyl chloride) floor covering — Specifications*

ANSI/ESD S20.20, *ESD Association Standard for the Development of an Electrostatic Discharge Control Program for Protection of Electrical and Electronic Parts, Assemblies and Equipment (Excluding Electrically Initiated Explosive Devices)*

ASTM E96, *Standard Test Methods for Water Vapor Transmission of Materials*

ASTM F2170, *Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes*