

Australian Standard™

Soft underlays for textile floor coverings

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This Australian Standard was prepared by Committee TX-009, Carpets. It was approved on behalf of the Council of Standards Australia on 16 December 2002 and published on 8 January 2003.

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- Australian Chamber of Commerce and Industry
- Australian Retailers Association
- Australian Wool Research and Promotion Organisation
- Australian Wool Testing Authority
- Building Service Contractors of New Zealand
- CSIRO Textile and Fibre Technology
- Carpet Institute of Australia
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Soft underlays for textile floor coverings

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PREFACE

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee TX-009, Carpets, to supersede AS 4288—1999 of the same title. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

In the preparation of this Standard, consideration was given to BS 5808:1991, *Specification for underlays for textile floor coverings*. For determining the classification and designation for the intended use/application of underlays (see Figure 1), this Standard specifies only one level of performance for underlays for residential use.

The Standard is being revised to include light residential and luxury classifications in accordance with the requirements of BS 5808:1991.

Consideration has been given to subdividing the residential (domestic) classification into more description categories but testing many of the products currently available in Australia on site has not confirmed the need for these extra subdivisions at this stage.

The terms 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

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STANDARDS AUSTRALIA

Australian Standard
Soft underlays for textile floor coverings

1 SCOPE

This Standard specifies performance requirements for fibrous, non-fibrous and combination soft underlays, together with their classification for five categories of intended use/application.

NOTE: Advice on the installation of textile floor coverings is given in AS/NZS 2455.1.

2 OBJECTIVE

The objective of this Standard is to provide manufacturers, suppliers, contractors, consultants, consumers and others concerned with textile floor coverings with minimum performance requirements for soft underlays and their suitability for use in various installations.

3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

- 2001 Methods of test for textiles
- 2001.1 Method 1: Conditioning procedure
- 2103 Dial gauges and dial test indicators (metric series)
- 2454 Textile floor coverings—Terminology

AS/NZS

- 2111 Textile floor coverings—Tests and measurements
- 2111.1 Method 1: Machine-made textile floor coverings—Determination of total thickness
- 2111.2 Method 2: Determination of thickness loss under dynamic loading
- 2111.14 Method 14: Determination of thickness loss after prolonged, heavy static loading
- 2119 Textile floor coverings—Machine-made—Sampling and cutting specimens for physical tests
- 2455 Textile floor coverings—Installation practice
- 2455.1 Part 1: General
- 2422 Textile products—Fibre content labelling

ISO

- 9073 Textiles—Test methods for non-wovens
- 9073-3 Part 3: Determination of tensile strength and elongation

4 DEFINITIONS

For the purpose of this Standard, the definitions given in AS 2454 with the exception of 'combination underlay', and those below apply.