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AS 4288-1999

AS 4288(Int)—1995

~~(Expires 5 July 1997)~~

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Amended 7 July 1997

Interim Australian Standard®

Soft underlays for textile floor coverings

STANDARDS AUSTRALIA

This Interim Australian Standard was prepared by Committee TX/9, Carpets. It was approved on behalf of the Council of Standards Australia on 11 April 1995 and published on 5 July 1995.

The following interests are represented on Committee TX/9:

Australian Carpet Contractors Association
Australian Chamber of Commerce and Industry
Australian Wool Research and Promotion Organisation
AWTA Textile Testing
Building Owners and Managers Association of Australia
Carpet and Upholstery Cleaners Association of Australia
Carpet Institute of Australia
Commercial Carpet Suppliers Association of N.S.W.
CSIRO, Division of Wool Technology
Department of Consumer Affairs, N.S.W.
Master Cleaners Association of New Zealand
Melbourne College of Textiles
New Zealand Carpet Manufacturers Association
Plastics and Chemicals Industry Association
Retailers Council of Australia
Textile Clothing & Footwear Council of Australia
Wool Research Organization of New Zealand

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Suggestions for improvements to Australian Standards, addressed to the head office of Standards Australia, are welcomed. Notification of any inaccuracy or ambiguity found in an Australian Standard should be made without delay in order that the matter may be investigated and appropriate action taken.

This Standard was issued in draft form for comment as DR 92190.

STANDARDS AUSTRALIA

**Amendment No. 1
to
AS 4288(Int)—1995
Soft underlays for textile floor coverings**

REVISED TEXT

The 1995 edition of AS 4288(Int) is amended as follows; the amendment(s) should be inserted in the appropriate place.

SUMMARY: This Amendment applies to the cover.

Published on 5 July 1997.

AMDT
No. 1
JULY
1997

Delete (Expires 5 July 1997) and substitute (Expires 5 July 1999)

Interim Australian Standard[®]

Soft underlays for textile floor coverings

PREFACE

This Interim Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TX/9 on Carpets.

This Standard is issued as an Interim Australian Standard, as it was drafted when Committee TX/9 was an Australian Committee only and was not issued for public comment in New Zealand. However, when the interim period of this Standard is expired, it will be proposed that the Standard is published as a Joint Australian/New Zealand Standard.

In the preparation of this Interim Standard, consideration was given to BS 5808 *Specifications for underlays for textile floor coverings*. For determining the classification and designation for the intended use/application of underlays (Figure 1), this Interim Standard specifies only one level of performance of underlays for residential use. This will allow time for industry interests to mount a series of independently conducted in-use trials of underlays designated for various levels of residential use.

While the majority of representatives on the Committee accept that all tests to date justify the residential (domestic) classifications given in a draft for public comment (DR 92190) issued in 1992, which were based on the classifications in BS 5808, it is contended that the test for work of compression creates undue advantages for some types of underlays, allowing them to achieve a use classification that is above the level for which they are currently suited.

In the interim period of this Standard, comment is sought on the work of compression test results on a range of underlays, and the relationship of these results to the on-floor performance of the underlay. These results will be taken into account by the committee in subdividing residential rated underlays into end-use categories such as light, general, heavy and luxury in accordance with their performance in local conditions.

Comment is also sought on the effect of energy differences in the drop height of the dynamic loading tester.

Standards Australia invites comment on this Interim Standard from persons and organizations concerned with this subject. The date of expiry for comment is two years after publication at which time this Interim Standard will either be confirmed, withdrawn or revised in the light of public comment.

During the lifespan of this document the Committee will monitor all comment as it is received. Attention is drawn to the fact that this document is an Interim Standard and should be regarded as a development Standard and liable to future alteration.

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**Interim 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 three categories of intended use/application.

NOTE: Advice on the installation of textile floor coverings is given in AS 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 procedures
- 2001.2 Method 2: Physical tests
- 2001.2.3 Method 2.3: Determination of breaking force and extension of textile fabrics
- 2103 Dial gauges and dial test indicators (metric series)
- 2111 Methods of test for textile floor coverings
- 2111.1 Method 1: Determination of thickness of textile floor coverings
- 2111.2 Method 2: Determination of thickness loss under dynamic loading of textile floor coverings
- 2111.14 Method 14: Determination of thickness loss after prolonged, heavy static loading of textile floor coverings
- 2119 Method for sampling and cutting specimens of textile floor coverings for testing
- 2454 Textile floor coverings—Terminology
- 2622 Textile products—Fibre content labelling

AS/NZS

- 2455 Textile floor coverings—Installation practice
- 2455.1 Part 1: General

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

4.1 Combination underlay—an underlay composed of one or more layers of any fibrous underlay material combined with one or more layers of any non-fibrous underlay material.

4.2 Deflection (also known as compression)—the change in thickness of the underlay when the pressure is increased from 2 kPa to 100 kPa.