



**Textile floor coverings —  
Installation practice**

**Part 2: Carpet tiles**

STANDARDS  
Australia



Currently in preview, click buy full version

AS 2455.2:2019

This Australian Standard® was prepared by Joint Technical Committee TX-009, Carpets. It was approved on behalf of the Council of Standards Australia on 15 April 2019.

This Standard was published on 14 May 2019.

The following are represented on Committee TX-009:

- Australian Chamber of Commerce and Industry
- Australian Industry Group
- AWTA Product Testing (Testing Interests Australia)
- Carpet Institute of Australia
- Floorcovering Association of NSW
- Floorcovering Association of Victoria
- Specialised Restoration & Cleaning Professionals (SRCP) - A Division of ISSA

This Standard was issued in draft form for comment as DR AS/NZS 2455.2:2018.

#### **Keeping Standards up-to-date**

Ensure you have the latest versions of our publications and keep up-to-date about Amendments, Rulings, Withdrawals, and new projects by visiting:

[www.standards.org.au](http://www.standards.org.au)

ISBN 978 1 76072 455 9



## **Textile floor coverings — Installation practice**

### **Part 2: Carpet tiles**

Originates as AS/NZS 2544.2:1996.  
Second edition AS/NZS 2544.2:2007.  
Revised and redesignated as AS 2544.2:2019.

#### **COPYRIGHT**

© Standards Australia Limited 2019

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher, unless otherwise permitted under the Copyright Act 1968 (Cth) or the Copyright Act 1994 (New Zealand).

## Preface

This Standard was prepared by the Australian members of the joint Standards Australia/Standards New Zealand Committee TX-009, Carpets, to supersede AS/NZS 2455.2:2007, *Textile floor coverings—Installation practice, Part 2: Carpet tiles*.

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.

The objective of this Standard is to specify requirements and procedures for the installation of square carpet tiles.

This revision was undertaken to align with current industry practice for installing carpet tiles.

The AS 2455 series of Standards comprises the following parts:

AS 2455.1, *Textile floor coverings—Installation practice, Part 1: General*

AS 2455.2, *Textile floor coverings—Installation practice, Part 2: Carpet tiles (this Standard)*

NOTE Requirements for installing broadloom carpet are covered in Part 1 of this series.

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.

## Contents

Preface .....	ii
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Definitions</b> .....	<b>1</b>
<b>4 Pre-laying requirements</b> .....	<b>2</b>
4.1 General .....	2
4.2 Subfloor condition and preparation .....	2
4.3 Dual bond system .....	2
4.4 Access panel floors .....	2
<b>5 Setting up</b> .....	<b>2</b>
5.1 General .....	2
5.2 Procedure .....	3
5.3 Additional requirements for the dual bond system .....	3
<b>6 Application of primer and adhesive</b> .....	<b>4</b>
6.1 Procedure for fully adhered pressure sensitive system .....	4
6.2 Procedure for dual bond system .....	4
6.2.1 Subfloor installations .....	4
6.2.2 Access panel floor installations .....	4
6.3 Procedure for low adhesive installation systems .....	4
<b>7 Installation of the carpet tiles</b> .....	<b>4</b>
<b>8 Cutting and installation of perimeter carpet tiles</b> .....	<b>5</b>
<b>9 Completion of carpet tile installation</b> .....	<b>5</b>
<b>Appendix A (normative) Site information to be obtained prior to installation</b> .....	<b>7</b>
<b>Appendix B (informative) Determining the moisture content and alkalinity of concrete subfloors</b> .....	<b>11</b>

# Australian Standard®

## Textile floor coverings — Installation practice

### Part 2: Carpet tiles

#### 1 Scope

This Standard specifies requirements and procedures for the installation of square carpet tiles.

**NOTE** It is recognized that not all carpet tiles will be able to be installed in accordance with this Standard. Manufacturers' instructions, particularly regarding shaped carpet tiles, may vary from these requirements and where this occurs, the manufacturer's instructions should be followed.

#### 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 (all parts)*

AS/NZS 2454, *Textile floor coverings—Terminology*

AS 2455-1, *Textile floor coverings—Installation practice, Part 1: General*

NZS 3604, *Timber-framed buildings*

EN 12825, *Raised access floors*

#### 3 Definitions

For the purpose of this Standard, the definitions given in AS/NZS 2454, AS 2455.1 and those below apply.

##### 3.1

##### **cable trunking**

a trunk or trough for housing and protecting electrical cables and conductors which are laid in place after trunking has been installed. Also called “cable trough” or “cable troughing”

##### 3.2

##### **competent person**

a person who has acquired through training, qualifications or experience, or a combination of these, the knowledge and skills enabling that person to perform the task required

##### 3.3

##### **low adhesive installation**

an installation system for modular textile floor coverings (carpet tiles and planks) that uses adhesive coated “connectors” (e.g. polyester/plastic squares or dots with adhesive on one or both sides)

##### 3.4

##### **may**

indicates the existence of an option

##### 3.5

##### **pressure-sensitive adhesive installation system**

an installation system where a pressure-sensitive adhesive is applied to cover 100 % of the subfloor (including any cable trunking) or access panel floor