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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by InteriorFloor Industrial Association (I.F.A)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS A 1454:2010** is replaced with this Standard.

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Test methods — Resilient floorcoverings

Introduction

This Japanese Industrial Standard has been prepared based on the following International Standards, modifying some of their technical contents to reflect the local demands in Japan : ISO 105-B02 : 2014 (sixth edition), ISO 4918 : 2009 (first edition), ISO 10580 : 2010 (first edition), ISO 23996 : 2007 (first edition), ISO 23999 : 2008 (first edition), ISO 24341 : 2006 (first edition), ISO 24342 : 2007 (second edition), ISO 24343-1 : 2007 (first edition), ISO 24343-2 : 2011 (first edition), ISO 24343-3 : 2011 (first edition), ISO 24344 : 2008 (first edition), ISO 24345 : 2006 (first edition), ISO 24346 : 2006 (first edition), and ISO 26987 : 2008 (first edition). This Standard contains the following additional test methods that are not included in the corresponding International Standards: test of dimensional stability after immersion in water (clause 12), test of thermal expansion coefficient (clause 13), curling test (clause 14), slip resistance test (clause 17), abrasion resistance test (clause 18), combustibility test (clause 19), castor resistance test (clause 21), electric characteristics test (clause 23), antibacterial test (clause 26) and appearance (clause 27).

Sidelines and dotted underlines indicate the parts modified from the corresponding International Standards. A list of modifications with the explanations is given in Annex JA. In addition, the comparison table between previous and current editions of this Standard on technically significant revisions is given in Annex JB.

1 Scope

This Standard specifies the test methods for resilient floorcoverings (hereafter referred to as floorcoverings) such as vinyl floorcoverings, linoleum floorcoverings, rubber floorcoverings, poly-olefin floorcoverings that are used mainly for building floors.

NOTE : The International Standards corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 105-B02 : 2014 *Textiles — Tests for colour fastness — Part B02 : Colour fastness to artificial light : Xenon arc fading lamp test*

ISO 4918 : 2009 *Resilient, textile and laminate floor coverings — Castor chair test*

ISO 10580 : 2010 *Resilient, textile and laminate floor coverings — Test method for volatile organic compound (VOC) emissions*

ISO 23996 : 2007 *Resilient floor coverings — Determination of density*

ISO 23999 : 2008 *Resilient floor coverings — Determination of dimensional stability and curling after exposure to heat*

ISO 24341 : 2006 *Resilient and textile floor coverings — Determination of length, width and straightness of sheet*

ISO 24342 : 2007 *Resilient and textile floor-coverings — Determination*