



SLOVENSKI STANDARD
SIST EN 14353:2008/kprA1:2009

01-oktober-2009

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Metal beads and feature profiles for use with gypsum plasterboards - Definitions,
requirements and test methods

Hilfs- und Zusatzprofile aus Metall zur Verwendung mit Gipsplatten - Begriffe,
Anforderungen und Prüfverfahren

Cornières et profilés métalliques pour plaques de plâtres - Définitions, spécifications et
méthodes

Ta slovenski standard je istoveten z: EN 14353:2007/FprA1

ICS:

91.100.10 Cement. Mavec. Apno. Malta Cement. Gypsum. Lime.
Mortar

SIST EN 14353:2008/kprA1:2009 en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

FINAL DRAFT
EN 14353:2007

prA1

August 2009

ICS 91.100.10

English Version

Metal beads and feature profiles for use with gypsum plasterboards - Definitions, requirements and test methods

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Gipsplatten - Begriffe, Anforderungen und Prüfverfahren

This draft amendment is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 241.

This draft amendment A1, if approved, will modify the European Standard EN 14353:2007. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 14353:2007/FprA1:2009 (E)

Foreword

This document (EN 14353:2007/FprA1:2009) has been prepared by Technical Committee CEN/TC 241 "Gypsum and gypsum based products", the secretariat of which is held by AFNOR.

This document is currently submitted to the Unique Acceptance Procedure.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

1 Modifications to Clause 2

Add the following references:

"EN 10139, *Cold rolled uncoated mild steel narrow strip for cold forming - Technical delivery conditions*",

"EN 10152, *Electrolytically zinc coated cold rolled steel flat products for cold forming - Technical delivery conditions*",

"EN ISO 9227, *Corrosion tests in artificial atmospheres - Salt spray tests (ISO 9227:2006)*",

"EN 10346, *Continuously hot-dip coated steel flat products – Technical delivery conditions*".

Delete the following references:

"EN 10326, *Continuously hot-dip coated strip and sheet of structural steels — Technical delivery conditions*

EN 10327, *Continuously hot-dip coated strip and sheet of low carbon steels for cold forming — Technical delivery conditions*".

Replace the references to prEN 15283-1 and prEN 15283-2 with EN 15283-1 and EN 15283-2 in Clause 2 and throughout the document.

Replace the reference to EN ISO 1924-2 with the following:

"EN ISO 1924-2, *Paper and board — Determination of tensile properties — Part 2: Constant rate of elongation method (20 mm/min) (ISO 1924-2:2008)*".

2 Addition of 3.1, General terms

Insert the following new sub-clause 3.1 after the standard paragraph:

"3.1 General terms".

3 Modification to 3.1 – 3.14

Replace numbering of clauses 3.1 – 3.14 with 3.1.1 – 3.1.14.

4 Addition of 3.2, Symbols and abbreviations

Insert the following new sub-clause 3.2 after 3.1.14:

"3.2 Symbols and abbreviations

For the purpose of simplification in product marking and performance information characteristics may be identified through the symbols and abbreviations given in Table 1.

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Table 1 – Symbols and abbreviations

Requirement	Clause	Symbol or abbreviation
Reaction to fire	4.1	R2F
Flexural strength	4.2	F

"

Renumber all the subsequent tables and references to tables accordingly.

5 Modification to 4.4.1

Replace the text of 4.4.1 with the following:

"Metal beads and feature profiles shall be manufactured from steel strip conforming to EN 10346 or EN 10152. Alternatively, corner bead tape strips may be manufactured from coated steel according to EN 10139. Aluminum beads and featured profiles manufactured according to EN 755 shall have a surface finish free from marks and imperfections to satisfy their exposed function."

6 Modification to 4.5

Replace the text of 4.5 with the following:

"Metal beads manufactured from steel strip shall have a protective coating conforming to one of the following standards: EN 10346 or EN 10152 (for corner bead tape only).

The protective coating shall conform to one of the classes given in Table 2 or alternatively in Table 3 (for corner bead tapes only).

Table 2 — Classes of protective coating

Class	Normative reference
Z 275	EN 10346
Z 140	EN 10346
Z 100	EN 10346
ZA 150	EN 10346
ZA 100	EN 10346
AZ 150	EN 10346
AZ 100	EN 10346

Table 3 — Classes of protective coating for corner bead tapes

Class	Normative reference
ZE 50/50	EN 10152
ZE 75/75	EN 10152
ZE 100/100	EN 10152

Alternatively corner bead tape strips may have a protective coating with a resistance of at least 48h to salt spray test according to EN ISO 9227. This coating can be manufactured

- as an application of a protective layer of zinc with a thin organic layer of polyester resin.
- as a cold co-rolling on a steel basis adding an aluminium layer on each side."

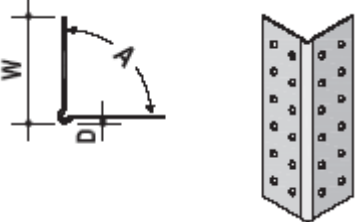
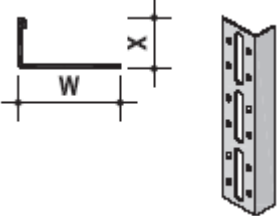
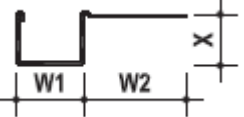
Renumber all the subsequent tables and references to tables accordingly.

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7 Modification to 4.7.1

Replace Table 2 with the following Table 4:

"Table 4 — Examples of profiles/dimensions of beads

Bead type	Sizes & tolerances	Profile number	Note
<p>Angle bead</p> 	<p>W min = 18 mm D = (1,5 ± 0,5) mm A = 85° ± 2° L = length</p>	<p>1</p>	
<p>Stop bead</p> 	<p>W min = 18 mm L = length X = t + (1,5 ± 0,5) mm t = board thickness</p>	<p>2</p>	<p>a : t = 9,5 mm d : t = 18 mm b : t = 12,5 mm e : t = 20 mm c : t = 15 mm f : t = 25 mm (See NOTE)</p>
<p>Feature bead 1</p> 	<p>W1 min = 15 mm W2 min = 20 mm L = length X = t + (1,5 ± 0,5) mm t = board thickness</p>	<p>3</p>	<p>a : t = 9,5 mm d : t = 18 mm b : t = 12,5 mm e : t = 20 mm c : t = 15 mm f : t = 25 mm (See NOTE)</p>