



**SLOVENSKI STANDARD**  
**SIST EN 14306:2010/kFprA1:2012**  
**01-julij-2012**

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**Toplotnoizolacijski proizvodi za opremo stavb in industrijske inštalacije -  
Proizvodi iz kalcijevih silikatov (CS) - Specifikacija**

Thermal insulation products for building equipment and industrial installations - Factory made calcium silicate (CS) products - Specification

Wärmedämmstoffe für die technische Gebäudeausrüstung und für betriebstechnische Anlagen in der Industrie - Werkmäßig hergestellte Produkte aus Calciumsilikat (CS) - Spezifikation

Produits isolants thermiques pour l'équipement du bâtiment et les installations industrielles - Produits manufacturés en silicate de calcium (CS) - Spécification

**Ta slovenski standard je istoveten z: EN 14306:2009/FprA1**

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**ICS:**

91.100.60	Materiali za toplotno in zvočno izolacijo	Thermal and sound insulating materials
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<b>SIST EN 14306:2010/kFprA1:2012</b>	<b>en,fr,de</b>
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EUROPEAN STANDARD  
NORME EUROPÉENNE  
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**FINAL DRAFT**  
**EN 14306:2009**

**FprA1**

May 2012

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ICS 91.100.60

English Version

## Thermal insulation products for building equipment and industrial installations - Factory made calcium silicate (CS) products - Specification

Produits isolants thermiques pour l'équipement du bâtiment et les installations industrielles - Produits manufacturés en silicate de calcium (CS) - Spécification

Wärmedämmstoffe für die technische Gebäudeausrüstung und für betriebstechnische Anlagen in der Industrie - Werkmäßig hergestellte Produkte aus Calciumsilikat (CS) - Spezifikation

This draft amendment is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 88.

This draft amendment A1, if approved, will modify the European Standard EN 14306:2009. 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-CENELEC Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPÄISCHES KOMITEE FÜR NORMUNG

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## Foreword

This document (EN 14306:2009/FprA1:2012) has been prepared by Technical Committee CEN/TC 88 "Thermal insulating materials and products", the secretariat of which is held by DIN.

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.

This document has been drafted by Working Group 10 (WG 10) "Building equipment and industrial installations" of CEN/TC 88.

The numbering and headlines in the following correspond to those in EN 14306 for which the amendments and corrections apply.

## EN 14306:2009/FprA1:2012 (E)

**1 Modification to 5.3.2, Thermal conductivity**

Replace

"In the case of pipe sections, measurements made on two internal diameters of pipe sections at the greatest and smallest insulation thickness for each of the diameters are deemed to be representative of the total product range."

with

"For ITT, measurements of thermal conductivity made on two internal diameters of pipe sections at the greatest and smallest insulation thickness for each set of the diameters are deemed to be representative of the total product range.

For FPC, one dimension only is used."

**2 Modifications to ZA.1, Scope and relevant characteristics**

In NOTE 2, replace the link with "<http://ec.europa.eu/enterprise/construction/cpd-ds/>".

Add the following line in Table ZA.1 before "Water vapour permeability":

"

Water permeability	4.3.7 Water absorption	—	
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".

**3 Modifications to ZA.2, Procedures for attestation of conformity of factory made calcium silicate products**

In Table ZA.3, line "Tasks for the notified body, Initial type testing", add to 4<sup>th</sup> indent "(for load bearing applications)" and replace the 5<sup>th</sup> indent with

"

— Water absorption",

to read:

"

**Table ZA.3 — Assignment of evaluation of conformity tasks for products under system 1**

Tasks		Content of the task	Evaluation of conformity clauses of EN 13172 to apply in addition to the relevant Clause 7
Tasks for the notified body	Initial type testing	<ul style="list-style-type: none"> <li>— Reaction to fire</li> <li>— Thermal resistance</li> <li>— Release of dangerous substances <sup>a</sup></li> <li>— Compressive strength (for load bearing applications)</li> <li>— Water absorption</li> <li>— Release of corrosive substances</li> </ul>	Clause 6 of EN 13172:2008 7.2 of this standard

<sup>a</sup> No test method available as yet

".

In Table ZA.4, line "Tasks under the responsibility of the manufacturer, Initial type testing by a notified test laboratory" add to 4<sup>th</sup> indent "(for load bearing applications)" and replace the 5<sup>th</sup> indent with

"

— Water absorption",

to read:

"

**Table ZA.4 — Assignment of evaluation of conformity tasks for products under system 3 or system 3 combined with system 4 for reaction to fire**

Tasks		Content of the task	Evaluation of conformity clauses of EN 13172 to apply in addition to the relevant Clause 7
Tasks under the responsibility of the manufacturer	Initial type testing by a notified test laboratory	<ul style="list-style-type: none"> <li>— Reaction to fire (system 3)</li> <li>— Thermal resistance</li> <li>— Release of dangerous substances <sup>a</sup></li> <li>— Compressive strength (for load bearing applications)</li> <li>— Water absorption</li> <li>— Release of corrosive substances</li> </ul>	Clause 6 of EN 13172:2008 7.2 of this standard
<sup>a</sup> No test method available as yet			

In ZA 2.2, add as last paragraph:

"From 1<sup>st</sup> of July 2013, the manufacturer shall issue a declaration of performance in accordance with the Construction Products Regulation no 305/2011."