



SLOVENSKI STANDARD
SIST EN 492:2005/A2:2006

01-december-2006

J`U_bUhc!Wfa YbfbY'ghfYybY'd`cy Y`jb`Zhcbg_]`cgj!'GdYVWZ_UWY`U`nU`jnXY`_`jb
dfYg_i gbY'a YhcXY

Fibre cement slates and fittings - Product specification and test methods

Faserzement-Dachplatten und dazugehörige Formteile - Produktspezifikation und Prüfverfahren

iTeh STANDARD PREVIEW

Ardoises et accessoires en fibres-ciment - Spécification du produit et méthodes d'essai

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Ta slovenski standard je istoveten z: EN 492:2004/A2:2006

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ICS:

91.060.20	Strehe	Roofs
91.100.40	Ô^ { ^ } ç ã å ^ ã ð æ ð ã ç æ } ã	Products in fibre-reinforced cement

SIST EN 492:2005/A2:2006 en

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ICS 91.100.40

English Version

Fibre cement slates and fittings - Product specification and test methods

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Faserzement-Dachplatten und dazugehörige Formteile - Produktspezifikation und Prüfverfahren

This amendment A2 modifies the European Standard EN 492:2004; it was approved by CEN on 14 August 2006.

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. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This amendment exists 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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

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Contents

Page

Foreword.....	3
1 Modification to Clause 2	4
2 Modifications to 7.5.2.2	4
2.1 Modification 1	4
2.2 Modification 2	4
3 Modifications to the Bibliography	11

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Foreword

This document (EN 492:2004/A2:2006) has been prepared by Technical Committee CEN/TC 128 "Roof covering products for discontinuous laying and products for wall cladding", the secretariat of which is held by IBN/BIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2007, and conflicting national standards shall be withdrawn at the latest by June 2008.

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).

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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1 Modification to Clause 2

Add the following normative references:

"EN 13823, *Reaction to fire tests for building products — Building products excluding floorings exposed to the thermal attack by a single burning item*

"EN ISO 1716, *Reaction to fire tests for building products — Determination of the heat of combustion (ISO 1716:2002)*"

and delete the full stops at the end of the reference titles.

2 Modifications to 7.5.2.2

2.1 Modification 1

Add the following subtitle:

"7.5.2.2.1 **General**"

2.2 Modification 2

Add the following paragraphs:

"7.5.2.2.2 **Mounting and fixing provisions for EN 13823**

7.5.2.2.2.1 **End use applications**

The end uses covered by the standardised mounting and fixing are fibre cement slates and fittings used as the external layer for discontinuously laid roof coverings, used as internal and external wall finishes and used as external ceiling finishes. In these end uses, slates are fixed to timber battens or metal profiles with mechanical devices in a pattern of double or single overlapping. The side of the slates directed away from the fire is in contact with a ventilated cavity which is closed by either a rigid or flexible underlayer or a structural wall or ceiling construction.

7.5.2.2.2.2 **Test specimen**

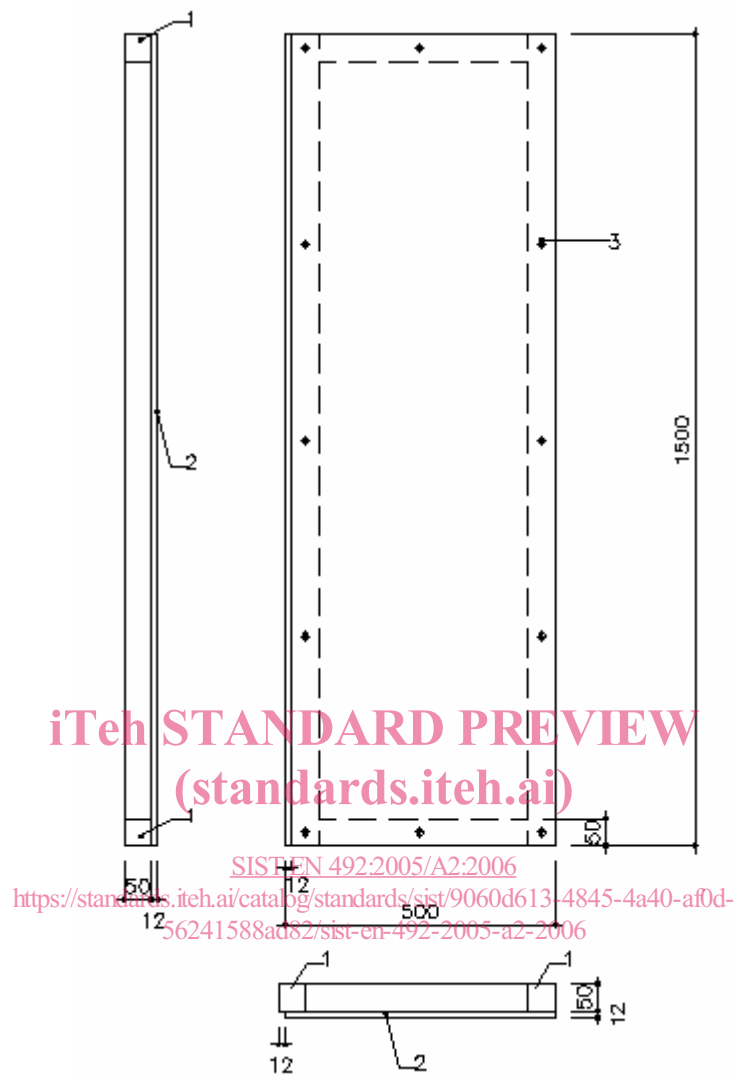
Products used for the construction of the test assembly are fibre cement slates with standard dimensions of length, width and thickness. They are cut to size to accommodate the dimensions of the test assembly. They include all facings and/or coatings that are normally applied to the product as it is placed on the market.

7.5.2.2.2.3 **Test assembly**

7.5.2.2.2.3.1 **Dimensions**

The test assembly is a corner set up made of two timber frame supporting constructions each, with a height of 1,5 m. One frame forms a long wing (1,0 m) the other frame forms a short wing (0,5 m). Further information is given in Figures 4, 5, 6 and 7.

Dimensions in millimetres; tolerances: 2 %, unless otherwise specified in text

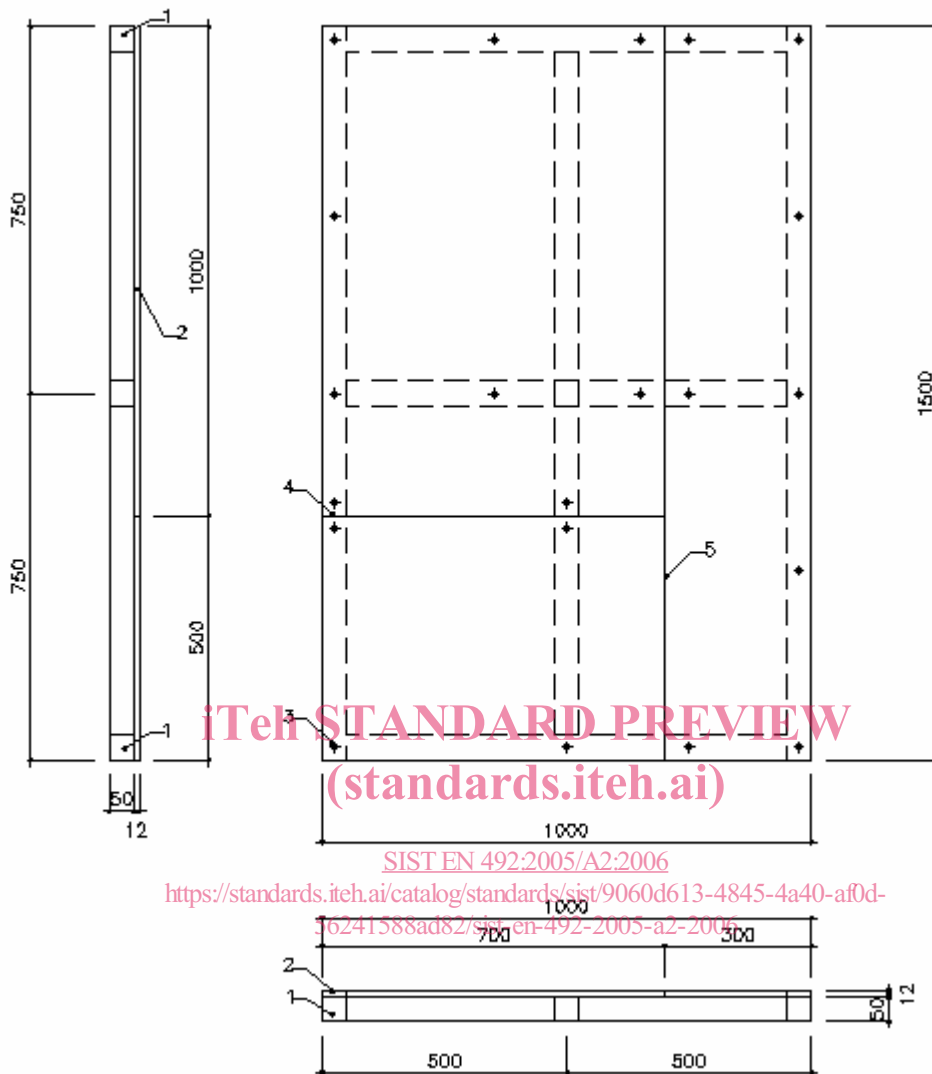


Key

- 1 timber member (50 ± 1) mm × (50 ± 1) mm
- 2 substrate (non FR treated particle board), thickness (12 ± 1) mm
- 3 nail

Figure 4 — Timber frame and substrate short wing

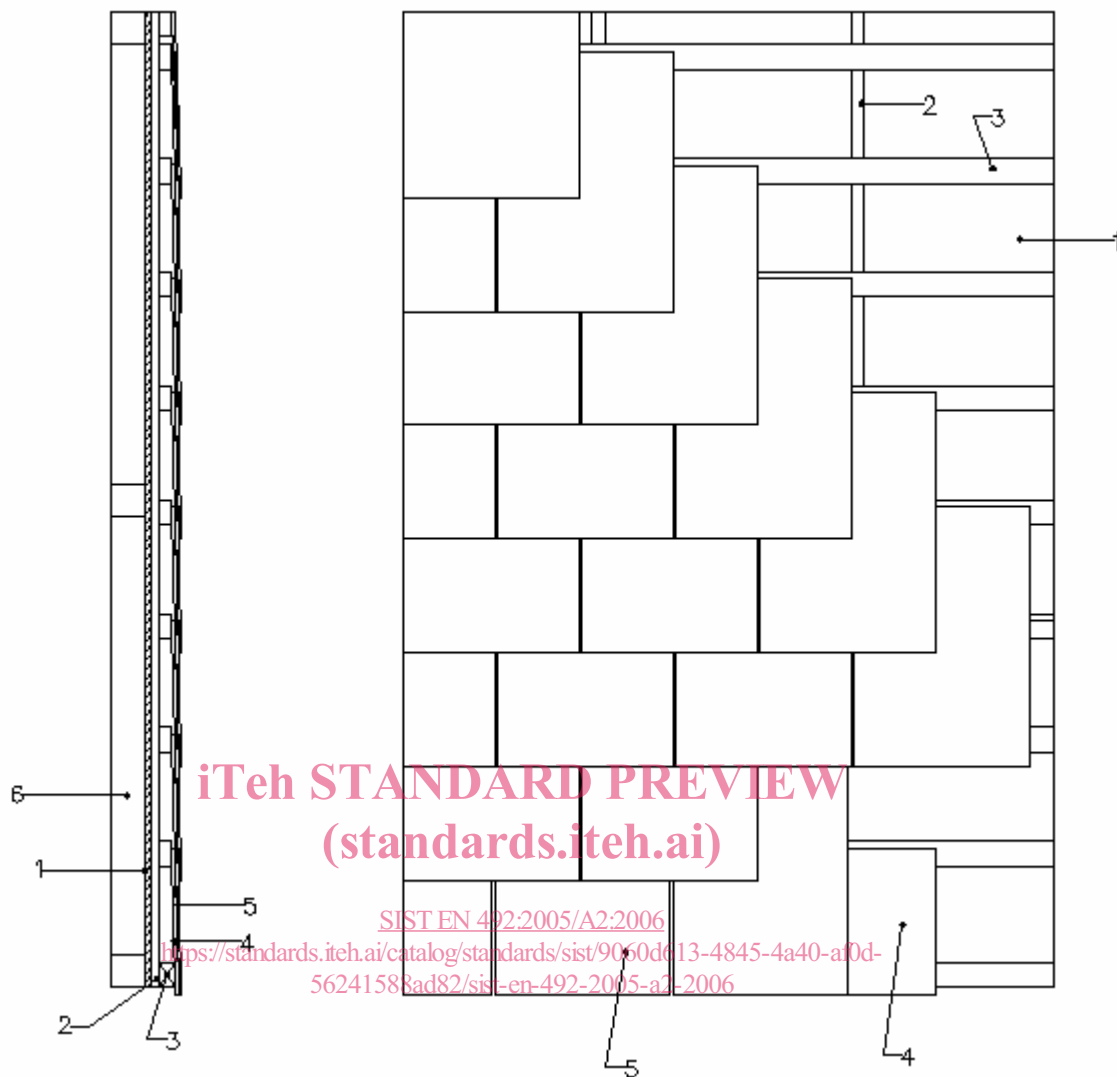
Dimensions in millimetres; tolerances: 2 %, unless otherwise specified in text



Key

- 1 timber member (50 ± 1) mm × (50 ± 1) mm
- 2 substrate (non FR treated particle board), thickness (12 ± 1) mm
- 3 nail
- 4 horizontal joint
- 5 vertical joint

Figure 5 — Timber frame and substrate long wing

**Key**

- 1 substrate (non FR treated particle board), thickness (12 ± 1) mm
- 2 timber counter batten (20 ± 1) mm
- 3 timber batten (19 ± 1) mm \times (38 ± 1) mm
- 4 under eave slates
- 5 slate for testing, e.g. rectangular, hook-fixing, double covering
- 6 timber frame

Figure 6 — Product fixing to long and short wing