

STN	Betónové strešné škridly a tvarovky na pokrývanie striech a obklady stien Požiadavky na výrobok	STN EN 490+A1 72 3240
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Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 06/17

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Podľa zákona č. 264/1999 Z. z. o technických požiadavkách na výrobky a o posudzovaní zhody a o zmene a doplnení niektorých zákonov v znení neskorších predpisov sa slovenská technická norma a časti slovenskej technickej normy môžu rozmnožovať alebo rozširovať len so súhlasom slovenského národného normalizačného orgánu.

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 490:2011+A1

January 2017

ICS 91.100.30

Supersedes EN 490:2011

English Version

**Concrete roofing tiles and fittings for roof covering and
wall cladding - Product specifications**

Tuiles et accessoires en béton pour couverture et
bardage - Spécifications des produits

Dach- und Formsteine aus Beton für Dächer und
Wandbekleidungen - Produktanforderungen

This European Standard was approved by CEN on 18 September 2011 and includes Amendment 1 approved by CEN on 10 November 2015.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard 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 CEN-CENELEC 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

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Contents

	Page
European foreword.....	3
1 Scope.....	4
2 Normative references.....	4
3 Terms and definitions	4
4 Symbols and abbreviations	5
5 Requirements	6
6 \square_{A1} Assessment and verification of constancy of performance (AVCP) \square_{A1}	10
7 Sampling.....	11
8 Designation system	13
9 Marking and labelling.....	14
10 Documents.....	14
Annex A (informative) Surface characteristics.....	15
Annex B (informative) Performance of assemblies of roofing tiles and fittings	16
Annex C (normative) Fasteners and fixings.....	17
Annex D (normative) Sampling procedure	18
Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Regulation	19
Bibliography.....	31

European foreword

This document (EN 490:2011+A1:2017) 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 NBN.

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 July 2017, and conflicting national standards shall be withdrawn at the latest by October 2018.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document includes Amendment 1 approved by CEN on 2015-11-10.

This document supersedes A1 EN 490:2011 A1.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1.

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.

A1 This amendment to Annex ZA of EN 490:2011 implements EU Regulation no. 305/2011. A1

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1 Scope

This European Standard specifies requirements for concrete roofing tiles and fittings for pitched roof coverings and wall cladding and lining.

Concrete roofing tiles and fittings may incorporate surface coatings and glued concrete components.

NOTE 1 Information on surface characteristics is given in Annex A.

NOTE 2 Information on the performance of roof and wall assemblies is given in Annex B.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 491:2011, *Concrete roofing tiles and fittings for roof covering and wall cladding — Test methods*

ENV 1187, *Test methods for external fire exposure to roofs*

EN 13238, *Reaction to fire tests for building products — Conditioning procedures and general rules for selection of substrates*

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

EN 13501-1, *Fire classification of construction products and building elements — Part 1: Classification using data from reaction to fire tests*

EN 13501-5, *Fire classification of construction products and building elements — Part 5: Classification using data from external fire exposure to roof tests*

EN ISO 1716, *Reaction to fire tests for products — Determination of the gross heat of combustion (calorific value) (ISO 1716:2010)*

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