



NSAI
Standards

Irish Standard
I.S. EN 534:2006+A1:2010

Corrugated bitumen sheets - Product specification and test methods

I.S. EN 534:2006+A1:2010

Incorporating amendments/corrigenda/National Annexes issued since publication:
EN 534:2006/A1:2010

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<i>This document replaces:</i> EN 534:2006	<i>This document is based on:</i> EN 534:2006+A1:2010 EN 534:2006	<i>Published:</i> 17 March, 2010 7 June, 2006
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This document was published under the authority of the NSAI and comes into effect on: 16 April, 2010	ICS number: 91.100.50
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Údarás um Chaighdeáin Náisiúnta na hÉireann

English Version

Corrugated bitumen sheets - Product specification and test methods

Plaques ondulées bitumées - Spécifications des produits et méthodes d'essai

Bitumen Wellplatten - Produktfestlegungen und Prüfverfahren

This European Standard was approved by CEN on 3 May 2006 and includes Amendment 1 approved by CEN on 9 February 2010.

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Foreword

This document (EN 534:2006+A1:2010) 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of an identical text or by endorsement, at the latest by September 2010, and conflicting national standards shall be withdrawn at the latest by September 2010.

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 supersedes A1 EN 534:2006 A1.

This document includes Amendment 1, approved by CEN on 2010-02-09

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.

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1 Scope

This European Standard specifies the technical properties and establishes the test and inspection methods for finished corrugated bitumen sheets on leaving the factory. It also provides for the evaluation of conformity of products with the requirements of this standard.

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.

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

EN 13501-1, *Fire classification of construction products and building elements — Part 1: Classification using test 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 roofs tests*

EN ISO 9001, *Quality management systems — Requirements (ISO 9001:2000)*

ISO 7892, *Vertical building elements — Impact resistance tests — Impact bodies and general test procedures*

3 Symbols and abbreviations

L	length of the sheet [mm]
w	width of the sheet [mm]
H	height of corrugations [mm]
f	deflection of the sheet under stress [mm]
e	nominal thickness [mm]
P	mass of the sheet [kg/m^2]
F	load [N]
p	pitch of corrugations [mm]
E	squareness [mm/m]
α	thermal coefficient [$1/\text{K}$]

4 General

Corrugated bitumen sheets are produced using a homogeneous mixture of organic and/or inorganic fibres and bitumen. The shape and the structure of corrugated bitumen sheets and the quality of the raw materials guarantee the properties.

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