



NSAI
Standards

Irish Standard
I.S. EN 1172:2011

Copper and copper alloys - Sheet and strip for building purposes

I.S. EN 1172:2011

Incorporating amendments/corrigenda/National Annexes issued since publication:

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

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SWIFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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English Version

Copper and copper alloys - Sheet and strip for building purposes

Cuivre et alliages de cuivre - Tôles et bandes pour le
bâtiment

Kupfer und Kupferlegierungen - Bleche und Bänder für das
Bauwesen

This European Standard was approved by CEN on 15 October 2011.

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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Foreword

This document (EN 1172:2011) has been prepared by Technical Committee CEN/TC 133 "Copper and copper alloys", the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by May 2012, and conflicting national standards shall be withdrawn at the latest by May 2012.

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 EN 1172:1996.

Within its programme of work, Technical Committee CEN/TC 133 requested CEN/TC 133/WG 2 "Rolled flat products" to revise the following standard:

— EN 1172:1996, *Copper and copper alloys — Sheet and strip for building purposes*.

This is one of a series of European Standards for copper and copper alloy rolled flat products. Other products are specified as follows:

— EN 1652, *Copper and copper alloys — Plate, sheet, strip and circles for general purposes*

— EN 1653, *Copper and copper alloys — Plate, sheet and circles for boilers, pressure vessels and hot water storage units*

— EN 1654, *Copper and copper alloys — Strip for springs and connectors*

— EN 1758, *Copper and copper alloys — Strip for lead frames*

— EN 13599, *Copper and copper alloys — Copper plate, sheet and strip for electrical purposes*

In comparison with the first edition of EN 1172:1996, the following significant technical changes were made:

a) Addition of four new materials: CuSn0,15 (CW117C), CuAl5Zn5Sn1 (CW309G), CuSn4 (CW450K) and CuZn15 (CW502L) into Tables 1 and 2;

b) Addition of thickness 0,4 mm.

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