



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 516:2006

ICS 91.060.20

**PREFABRICATED ACCESSORIES FOR
ROOFING - INSTALLATIONS FOR ROOF
ACCESS - WALKWAYS, TREADS AND STEPS**

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Vorgefertigte Zubehörteile für Dacheindeckungen - Einrichtungen zum Betreten des Daches - Laufstege, Trittflächen und Einzeltritte

This European Standard was approved by CEN on 7 December 2005.

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EN 516:2006 (E)

Foreword

This document (EN 516:2006) 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of an identical text or by endorsement, at the latest by July 2006, and conflicting national standards shall be withdrawn at the latest by July 2006.

This document supersedes EN 516:1995.

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.

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.

1 Scope

This document applies to installations for roof access (building products) permanently fixed to the load-bearing construction of pitched roofs, to stand or to walk on during inspection, maintenance and repair of facilities on the roof.

It specifies essential dimensions, materials to be used, requirements with respect to the load-bearing capacity of the installation for roof access fastened to the roof construction including their fastening system, and the extent of testing.

This document does not apply to permanently fixed ladders on pitched roofs.

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 364, *Personal protective equipment against falls from a height — Test methods*

EN 795, *Protection against falls from a height — Anchor devices — Requirements and testing*

EN ISO 1140, *Fibre ropes — Polyamide — 3-, 4- and 8-strand ropes (ISO 1140:2004)*

EN ISO 1461, *Hot dip galvanized coatings on fabricated iron and steel articles - Specifications and test methods (ISO 1461:1999)*

3 Terms and definitions

For the purpose of this document, the following definitions apply.

3.1

installation for roof access

building product with a platform to stand or to walk on with one or more supports permanently fixed by means of associated fastening systems to the load-bearing construction of a pitched roof

Note 1 See figure 1

Note 2 Depending on the size of the platform, installations for roof access are designated as walkways (see Figure 2), treads (see figure 3) or steps (see figure 4)

3.2

fastening system

combination of products which fasten the walkways, treads and steps, to the load-bearing roof construction

3.3

load-bearing roof construction

part of the roof construction which is able to carry potential loads and to transmit them to the building structure

4 Symbols

b width

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