

საქართველოს სტანდარტი

სსკ: 91.220

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ICS 91.220

English version

Temporary works equipment - Part 1: Scaffolds - Performance requirements and general design

Equipements temporaires de chantiers - Partie 1:
Echafaudages - Exigences de performance et étude, en
général

Temporäre Konstruktionen für Bauwerke - Teil 1:
Arbeitsgerüste - Leistungsanforderungen, Entwurf,
Konstruktion und Bemessung

This European Standard was approved by CEN on 4 September 2003.

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 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 Management Centre has the same status as the official versions.

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



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Foreword

This document (EN 12811-1:2003) has been prepared by Technical Committee CEN/TC 53 "Temporary works equipment", 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of an identical text or by endorsement, at the latest by June 2004, and conflicting national standards shall be withdrawn at the latest by June 2004.

This European Standard is one of the package of standards listed below:

- EN 12810-1, Façade scaffolds made of prefabricated components - Part 1: Product specifications
- EN 12810-2, Façade scaffolds made of prefabricated components- Part 2: Particular methods of structural design
- EN 12811-1, Temporary works equipment – Part 1:– Scaffolds – Performance requirements and general design
- prEN 12811-2, Temporary works equipment.– Part 2: Information on materials
- EN 12811-3, Temporary works equipment – Part 3: Load testing

Annexes A and D are informative. Annexes B and C are normative.

This document includes a bibliography.

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

Introduction

The purpose of a working scaffold is to provide a safe place of work with safe access suitable for the work being done. This European Standard sets out performance requirements for working scaffolds. These are substantially independent of the materials of which the scaffold is made. The standard is intended to be used as the basis for enquiry and design.

As a number of options are given to suit different applications, a choice has to be made between the various alternatives within this European Standard. All other requirements could be in an associated job specification.

Based on these requirements, a set of rules can be drawn up for a particular type of equipment. These may be standard for general use, or specially prepared for a particular job.

This European Standard includes rules for structural design, which are of particular relevance to scaffolds made of certain materials.

For materials this standard refers only to valid EN standards. However a large stock of equipment made of materials conforming to standards no longer valid is in use. This standard does not cover the use of this equipment.

Because the dimensions of the working scaffold depend on the type of work and the method of execution, the corresponding national legal rules should be taken into account.

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