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**Building construction — Accessibility  
and usability of the built environment**

*Cadre bâti — Accessibilité et usage de l'environnement bâti*

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 59, *Buildings and civil engineering works*, Subcommittee SC 16, *Accessibility and usability of the built environment*.

This second edition cancels and replaces the first edition (ISO 21542:2011), which has been technically revised.

The main changes compared to the previous edition are as follows:

- a) document structure: a new hierarchy level has been introduced and the clauses have been assigned accordingly and partly resorted (e.g. [Clause 5](#));
- b) editorial revision of the Introduction and the Scope;
- c) modification of the approach of exceptional considerations, which now only apply to existing buildings;
- d) update of the normative references throughout the document;
- e) revision of [Clause 3](#) on terms and definitions according to the terminology used in the document and update of the sources;
- f) restructuring of several (sub)clauses, especially those on:
  - orientation and information ([5.1](#));
  - lighting ([5.4](#));
  - acoustics ([5.7](#));
  - paths to the building ([6.3](#));
  - building entrances and final fire exits ([6.5](#));
  - vertical and inclined lifting platforms ([8.6](#));