
**Technical product documentation —
Organization and naming of layers
for CAD —**

**Part 2:
Concepts, format and codes used in
construction documentation**

*Documentation technique de produits — Organisation et
dénomination des couches de CAO —*

*Partie 2: Concepts, format et codes utilisés dans la documentation
pour la construction*



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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).

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).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on 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 the following URL: www.iso.org/iso/foreword.html

This document was prepared by Technical Committee ISO/TC 10, *Technical product documentation*, Subcommittee SC 8, *Construction documentation*.

This second edition cancels and replaces the first edition (13567-2:1998), of which it constitutes a minor revision to update the Bibliography.

A list of all parts in the ISO 13567 series can be found on the ISO website.

Introduction

ISO 13567 consists of two parts which deal with CAD layer organization and naming. ISO 13567-1 has a general application whereas this document is applicable to construction projects.

The purpose of the ISO 13567 series is to establish a common international basis for organizing data in CAD systems that cover the structuring of data into layers.

Technical product documentation — Organization and naming of layers for CAD —

Part 2: Concepts, format and codes used in construction documentation

1 Scope

This document covers the organization and allocation of layers for CAD on construction projects for the purposes of communication and management.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

ISO 13567-1, *Technical product documentation — Organization and naming of layers for CAD — Part 1: Overview and principles*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 13567-1 apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <http://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

4 Layer name subclassification

The following concepts are used in the layer name. An independent classification can be applied to each concept.

4.1 Agent responsible

The agent responsible is the construction specialist responsible for the data.

NOTE The Agent Responsible subclassification is considered to be unique to each project, and is thus not defined in this document.

4.2 Element

An element consists of the physical parts of construction works to be allocated by national or international construction classification systems.

Elements should also be used to represent areas and spaces when appropriate.