

PUBLICLY
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SPECIFICATION

**ISO/PAS
12006-3**

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**Building construction — Organization of
information about construction works —
Part 3:
Framework for object-oriented information
exchange**

*Construction immobilière — Organisation de l'information des travaux de
construction —*

Partie 3: Schéma pour l'échange d'information basée sur l'objet



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Contents

Page

Foreword.....	iv
Introduction	v
1 Scope	1
2 Normative reference	1
3 Terms and definitions	1
4 Specification	1
Annex A (informative) Conventions	22
Bibliography	24

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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

In other circumstances, particularly when there is an urgent market requirement for such documents, a technical committee may decide to publish other types of normative document:

- an ISO Publicly Available Specification (ISO/PAS) represents an agreement between technical experts in an ISO working group and is accepted for publication if it is approved by more than 50 % of the members of the parent committee casting a vote;
- an ISO Technical Specification (ISO/TS) represents an agreement between the members of a technical committee and is accepted for publication if it is approved by 2/3 of the members of the committee casting a vote.

An ISO/PAS or ISO/TS is reviewed every three years with a view to deciding whether it can be transformed into an International Standard.

Attention is drawn to the possibility that some of the elements of this Publicly Available Specification ISO/PAS 12006-3 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO/PAS 12006-3 was prepared by Technical Committee ISO/TC 59, *Building construction*, Subcommittee SC 13, *Organization of information about construction works*.

ISO 12006 consists of the following parts, under the general title *Organization of information about construction works*:

- *Part 2: Framework for classification of information*
- *Part 3: Framework for object-oriented information exchange*

ISO 12006-2 provides a framework for a classification, rather than the object-oriented approach of this part of ISO 12006. The two parts should be regarded as complementary rather than contradictory. Each has been developed and published in the belief that it has an important role to play in the organization of information about construction works¹⁾.

While ISO 12006-2 reflects many years of refinement of classification systems, this part of ISO 12006 represents not so much new thinking, but a new implementation of established information modelling practice using a new ISO process which aims to bring new work of this kind into use as quickly as possible. Feedback is a vital component of the development process and will be welcomed, via the secretariat of ISO/TC 59/SC 13.

Annex A of this part of ISO 12006 is for information only.

1) ISO 12006-1 has been cancelled.