

AS 3854.2—1990

ISO 6241—1984(E)

Australian Standard[®]

Performance standards in building

**Part 2: Principles for their
preparation and factors to be
considered**

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The following interests are represented on Committee BD/—:

ACADS

Association of Consulting Engineers, Australia

Australian Building Industry Specifications

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First published as AS 3854.2—1990.

PREFACE

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ISO	AS
6240 Performance standards in building— Contents and preparation	3854 Performance standards in building 3854.1 Part 1: Contents and presentation

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0 Introduction

The development of performance standards for building involves work at all levels from fundamental to specific. The aim is to define the performance required of whole buildings, parts of buildings and building products in terms of the functional requirements of their users.

The work includes the preparation of:

- a) fundamental (level 1) standards on the general principles of defining performance requirements and of establishing standard methods for their evaluation, such as ISO 6240;
- b) fundamental standards on the means of expression by which user requirements can be communicated;
- c) fundamental standards concerning the definition of agents relevant to building performance;
- d) wide-ranging and specific (levels 2 and 3) standards for the performance of particular types of building or product and on methods for assessing individual performance attributes. These would be prepared by committees responsible for the particular items.

This International Standard is a guide to level 1 standards, intended primarily to assist standards committees in their work by stating the general principles for drafting performance standards for building. It includes four tables aimed at identifying the main factors to be considered in their elaboration, i.e.

- a) the user requirements (table 1);
- b) the possible uses of the buildings and their spaces (table 2);
- c) the building sub-systems of which the product is a part (table 3);
- d) the agents, of any nature and origin, which are relevant to the performance of the product in use (table 4).

These tables may also serve to arrange the items given in the standards. It is particularly recommended that the performance of a product is stated in the order of the user requirements which it has to meet.

The tables are not exhaustive. Their relationship to current classification systems for building documentation is indicated.

1 Scope

This International Standard lays down general principles for the preparation of performance standards in building. It complements ISO 6240 by listing factors to be considered for performance standards.

2 Field of application

This International Standard is intended to assist standards committees concerned with the performance of whole buildings, of parts of buildings (components, assemblies and sub-systems) and of the spaces within and around buildings.

The principal uses envisaged are:

- a) as a basis for the preparation of performance standards;
- b) as an *aide-mémoire* for drafting particular standards.

3 Reference

ISO 6240, *Performance standards in building—Contents and presentation*.

4 Definitions

For the purpose of this International Standard, the following definitions apply:

4.1 user: Person, animal or object which a building is designed to accommodate.