

BS 6262-1:2017



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Glazing for buildings – Part 1: General methodology for the selection of glazing

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Summary of pages

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Foreword

Publishing information

This part of BS 6262 is published by BSI Standards Limited, under licence from The British Standards Institution, and came into effect on 31 December 2017. It was prepared by Technical Committee B/520, *Glass and glazing in buildings*. A list of organizations represented on this committee can be obtained on request to its secretary.

Supersession

This part of BS 6262 supersedes BS 6262-1:2005, which is withdrawn.

Information about this document

BS 6262 consists of the following parts:

- *Part 1: General methodology for the selection of glazing;*
- *Part 2: Code of practice for energy, light and sound;*
- *Part 3: Code of practice for fire, security and wind loading;*
- *Part 4: Code of practice for safety related to human impact;*
- *Part 5: Code of practice for frame design considerations;*
- *Part 6: Code of practice for special applications; and*
- *Part 7: Code of practice for the provision of information.*

Recommendations for standards of workmanship for glazing have been published separately in BS 8000-7 and therefore this subject is not dealt with in this standard.

Since the correct selection of materials to be used in glazing for buildings depends on many factors, the recommendations in this part of BS 6262 are to be used in conjunction with those in the other parts.

Use of this document

As a code of practice, this part of BS 6262 takes the form of guidance and recommendations. It should not be quoted as if it were a specification and particular care should be taken to ensure that claims of compliance are not misleading.

Any user claiming compliance with this part of BS 6262 is expected to be able to justify any course of action that deviates from its recommendations.

Presentational conventions

The provisions of this standard are presented in roman (i.e. upright) type. Its recommendations are expressed in sentences in which the principal auxiliary verb is “should”.

Commentary, explanation and general informative material is presented in smaller italic type, and does not constitute a normative element.

The word “should” is used to express recommendations of this standard. The word “may” is used in the text to express permissibility, e.g. as an alternative to the primary recommendation of the clause. The word “can” is used to express possibility, e.g. a consequence of an action or an event.

Notes and commentaries are provided throughout the text of this standard. Notes give references and additional information that are important but do not form part of the recommendations. Commentaries give background information.

Where words have alternative spellings, the preferred spelling of The Shorter Oxford English Dictionary is used (e.g. “organization” rather than “organisation”).

Contractual and legal considerations

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

Particular attention is drawn to the following specific regulations:

- the Building Regulations 2010 [1];
- the Building (Amendment) (Wales) Regulations 2014 [2];
- the Building (Scotland) Regulations 2004 [3];
- the Building Regulations (Northern Ireland) 2012 [4];
- the Building Regulations (Isle of Man) Order 2003 [5];
- the Building Bye-laws (Jersey) 2017 [6]; and
- the Building (Guernsey) Regulations 2012 [7].

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1 Scope

This part of BS 6262 gives a general methodology and recommendations for the selection of an appropriate choice of glass, plastics glazing sheet material and method of glazing.

These recommendations do not apply to:

- a) glazing for furniture and fittings (see BS EN 12521 and BS EN 14749);
 - b) glazing for commercial greenhouses (see BS EN 13031-1); and
 - c) glazing for domestic greenhouses.
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2 Normative references

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

BS 8206-2, *Lighting for buildings — Part 2: Code of practice for daylighting*

BS EN 673, *Glass in building — Determination of thermal transmittance (U value) — Calculation method*

BS EN 1991-1-1, *Eurocode 1: Actions on structures — Part 1-1: General actions — Densities, self-weight, imposed loads for buildings*

BS EN 1991-1-3, *Eurocode 1: Actions on structures — Part 1-3: General actions — Snow loads*

BS EN 1991-1-4, *Eurocode 1: Actions on structures — Part 1-4: General actions — Wind actions*

3 Terms and definitions

For the purposes of this part of BS 6262, the following terms and definitions apply.

3.1 glazing (noun)

glass, or plastics glazing sheet material, for installation into a building

3.2 pane

single piece of glass or plastics glazing sheet material, in a finished size ready for glazing

3.3 plastics glazing sheet material

plastics materials in the form of a single sheet, or a combination of sheets laminated together, or an extruded multi-wall sheet

4 Design and performance

COMMENTARY ON CLAUSE 4

In recent years, the design and performance requirements, such as higher thermal insulation, amended acoustic performance, etc., for glass and plastics glazing sheet material have become more demanding. There are many requirements that previously had been regarded as client-set (for example, security) that are being incorporated into legislation (outlined in Annex A).

It is important, at the initial project evaluation stage, to adopt a methodology that incorporates the implications of using any glass and plastics glazing sheet materials and the material's influence upon