

BS 8213-4:2016



BSI Standards Publication

Windows and doors – Part 4: Code of practice for the survey and installation of windows and external doorsets

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Summary of pages

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Foreword

Publishing information

This part of BS 8213 is published by BSI Standards Limited, under licence from The British Standards Institution, and came into effect on 31 December 2015. It was prepared by Subcommittee B/538/1, *Windows and doors*, under the authority of Technical Committee B/538, *Doors, windows, shutters, hardware and curtain walling*. A list of organizations represented on these committees can be obtained on request to their secretary.

Supersession

This part of BS 8213 supersedes BS 8213-4:2007, which is withdrawn.

Relationship with other publications

BS 8213 is published in two parts:

- Part 1: *Design for safety in use and during cleaning of windows, including door-height windows and roof windows – Code of practice*;
- Part 4: *Code of practice for the survey and installation of windows and external doorsets*.

This part of BS 8213 is intended to supplement British and European product standards for windows and doorsets.

Information about this document

This is a full revision of the standard, and introduces the following principal changes:

- updating of recommendations to reflect changes to legislation made since 2007;
- updating of recommendations to reflect changes in glazing, sealant and construction techniques;
- introduction of guidance on hazardous materials.

Due to the wide variety of installation conditions, it is not possible to cover all applications completely. This part of BS 8213 gives guidance on those good building practices that are expected to ensure satisfactory installation.

Windows and external doorsets are available in a range of materials, each material having a unique performance characteristic. The surveyor and installer need to be aware of the material being used, and any additional manufacturer's recommendations for survey and installation.

Use of this document

As a code of practice, this part of BS 8213 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 8213 is expected to be able to justify any course of action that deviates from its recommendations.

Presentational conventions

The provisions in 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.

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.

Attention is drawn to the Building Regulations 2010 [1], the Building (Amendment) (Wales) Regulations 2014 [2], the Building (Scotland) Regulations 2004 [3] and the Building Regulations (Northern Ireland) 2012 [4], and to the need for Building Regulations approval for the majority of window and external doorset installations.

1 Scope

This part of BS 8213 gives recommendations for the surveying and installation of non-load-bearing windows and external doorsets of any material, to be installed vertically (within 15°) into the external face of buildings. It gives recommendations for the good practices necessary for the successful surveying and installation of windows and external doorsets in both new build and replacement situations. It is primarily aimed at installations in dwellings but its provisions might also be relevant to other similar types of installation.

The recommendations contained in this part of BS 8213 may also be applied to door assemblies, but do not cover the site assembly of individual components.

This part of BS 8213 does not apply to load-bearing windows (other than bay poles), load-bearing doorsets, roof windows or rooflights, or to fire doorsets and assemblies. It does not cover curtain or ribbon walling, but might apply to separate window and door elements within those particular types of assemblies. It does not cover good business practice issues such as warranties and complaints.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

BS 6262 (all parts), *Glazing for buildings*

BS 7619, *Extruded cellular unplasticized white PVC (PVC-UE) profiles – Specification*

BS 8000-0, *Workmanship on construction sites – Part 0: Introduction and general principles*¹⁾

BS 8000-7, *Workmanship on building sites – Part 7: Code of practice for glazing*

BS EN 1670:2007, *Building hardware – Corrosion resistance – Requirements and test methods*

BS EN ISO 11600, *Building construction – Jointing products – Classification and requirements for sealants*

BS ISO 6707-1, *Buildings and civil engineering works – Vocabulary – Part 1: General terms*²⁾

3 Terms and definitions

For the purposes of this part of BS 8213, the terms and definitions given in BS ISO 6707-1 and the following apply.

3.1 bow window

type of bay window, usually carrying only light loads, which does not form an extension to the floor area of the room

3.2 check reveal

opening formed in the building structure with an external reveal size less than that of the internal reveal size

¹⁾ This part of BS 8213-4 also gives an informative reference to all parts of the BS 8000 series.

²⁾ This part of BS 8213-4 also gives an informative reference to BS ISO 6707-1:2014.