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BS 8423:2010+A2:2022



BSI Standards Publication

Fireguards for fires and heating appliances for domestic use — Specification

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Foreword

Publishing information

This British Standard is published by BSI Standards Limited, under licence from The British Standards Institution, and came into effect on 31 July 2010. It was prepared by Subcommittee CW/1/3, *Safety equipment*, under the authority of Technical Committee CW/1, *Safety of child use and child care products*. A list of organizations represented on these committees can be obtained on request to the committee manager.

Supersession

BS 8423:2010+A2:2022 supersedes BS 8423:2010+A1:2016, which is withdrawn.

Information about this document

Text introduced or altered by Amendment(s) No. 1 (and No. 2, respectively) is indicated in the text by tags [A1] 〈A1〉 and [A2] 〈A2〉. Minor editorial changes are not tagged.

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BS 8423:2010 was a full revision of the standard, and introduced the following principal changes.

a) The requirements for fixings were changed.

b) The requirements regarding small parts were changed.

c) The aperture of mesh was increased.

d) The requirements regarding shearing and crushing were deleted.

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It has been assumed in the preparation of this British Standard that the execution of its provisions will be entrusted to appropriately qualified and experienced people, for whose use it has been produced.

Presentational conventions

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

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”).

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1 Scope

This British Standard specifies the requirements and test methods of fireguards intended for use with heating appliances utilizing organic fuel (e.g. gas, solid fuel, oil) or electricity, and which can be situated in an open area or against or on a wall, or within a recess.

Such appliances can be permanently fixed in position or can be moveable, and can incorporate open fires including combination grates, or closed fires, including room heaters and stoves.

The fireguards specified in this standard are intended to protect people from falling into a fire, prevent burns and reduce the risk of injury, particularly to young children and the infirm. In addition it is intended to reduce the risk of fire resulting from clothing and/or other flammable materials coming into contact with, or in proximity to, burning fuel and/or hot surfaces.

The fireguards specified are not intended to reduce the risk of fires caused by flying particles, which are covered by BS 3248.

NOTE Examples of different types of fireguards are illustrated in Annex A.

2 Normative references

The following referenced documents are indispensable for the application 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 EN 71-1, *Safety of toys – Part 1: Mechanical and physical properties*

BS EN 71-3, *Safety of toys – Part 3: Specification for migration of certain elements*

BS EN ISO 3248, *Paints and varnishes – Determination of the effect of heat*

3 Terms and definitions

For the purposes of this British Standard, the following terms and definitions apply.

3.1 heating appliance

item of equipment to provide domestic heating, including open fires

3.2 fireguard

product intended to limit access to domestic heating appliances and open fires

3.3 moveable fireguard

fireguard for use with portable heating appliances

3.4 permanently fixed fireguard

fireguard which is intended to be permanently fixed to a wall, for use with a heating appliance that is situated on the floor, on a hearth, within a recess, against or near a wall of a flue system and/or against or near to a wall at a point of fuel supply

3.5 detachable fireguard

fireguard which is intended to be detachable from a wall, for use with a heating appliance that is situated on the floor, on a hearth, within a recess, against or near a wall of a flue system and/or against a wall at a point of fuel supply

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