BS 6222-3:2017

BSI Standards Publication

Domestic kitchen equipment

Part 3: Performance requirements for durability of surface finish and adhesion of surfacing and edging materials – Specification

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Contents

		Page
	Foreword	**ii**
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Types of surface	1
4.1	Worktops	1
4.2	Other surfaces	1
5	Marking	2
6	Surface finish performance	2
6.1	Worktops	2
6.2	Other surfaces	2
	Table 1 — Minimum performance ratings for surface finishes[A)]	3
7	Adhesive performance	4
	Table 2 — Adhesion of surface materials and edging materials to substrate	4
8	Test report	4
Annex A	(normative) **Resistance to impact by large diameter steel ball**	**5**
	Figure A.1 — Free-fall ball impact test apparatus	6
	Figure A.2 — Clamping jig	7
Annex B	(normative) **Assessment of adhesion of surfacing and edging material to substrates**	**8**
	Table B.1 — Performance rating for adhesion of surfacing and edging materials to substrates	8
Annex C	(normative) **Selection of test samples**	**9**

Summary of pages

This document comprises a front cover, and inside front cover, pages i to ii, pages 1 to 9, an inside back cover and a back cover.

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Foreword

Publishing information

This part of BS 6222 is published by BSI Standards Limited, under licence from The British Standards Institution, and came into effect on 31 July 2017. It was prepared by Subcommittee FW/0/2, *Domestic and contract furniture*, under the authority of Technical Committee FW/0, *Furniture*. A list of organizations represented on these committees can be obtained on request to their secretary.

Supersession

This part of BS 6222 supersedes BS 6222-3:1999, which is withdrawn.

Information about this document

This part of BS 6222 represents a full revision of the standard and incorporates the following key changes:

- update of normative references to reflect the most current test standards;
- removal of the classification of surfaces;
- removal of the selection criteria;
- removal of the requirement for a laminate sheet to conform to BS EN 438-1;
- restructuring of the layout of performance requirements for ease of use;
- removal of the resistance to edge impact test and requirements; and
- removal of test for peel and shrinkage of foils and requirements.

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.

Requirements in this standard are drafted in accordance with *Rules for the structure and drafting of UK standards*, subclause **G.1.1**, which states, "Requirements should be expressed using wording such as: 'When tested as described in Annex A, the product shall ...'". This means that only those products that are capable of passing the specified test will be deemed to conform to this standard.

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.

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1 Scope

This part of BS 6222 specifies performance requirements for durability of surface finishes for panel materials and fascias used in domestic kitchen units. It is also applicable to decorative plastics laminate worktops. It is not applicable to worktops manufactured using other materials.

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 3962-6:1980, *Methods of test for finishes for wooden furniture – Part 6: Assessment of resistance to mechanical damage*

BS EN 12720, *Furniture – Assessment of surface resistance to cold liquids*

BS EN 12721, *Furniture – Assessment of surface resistance to wet heat*

BS EN 12722, *Furniture – Assessment of surface resistance to dry heat*

3 Terms and definitions

For the purposes of this part of BS 6222, the following terms and definitions apply.

3.1 worktop

panel, of a wood-based material, that can be shaped, complete with any surface finish, to be fixed at working height

3.2 edging

strip of material, less than 3 mm thick, applied to the edge of a panel

3.3 lipping

strip of material, with a thickness of at least 3 mm, applied to the edge of a panel

4 Types of surface

4.1 Worktops

Worktops shall include:

a) decorative plastics laminate top surface and separate decorative plastics laminate edging;

b) one or more moulded edges covered by a single decorative plastics laminate, that follows the contours of the edge or edges; or

NOTE Also known as "post-formed" worktops.

c) decorative plastics laminate top surface and lipping of solid timber or other material.

4.2 Other surfaces

Other surfaces shall include the surfaces of doors, drawer fronts, carcase material, and interior and exterior shelving.

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