

In-situ floorings —

Part 4: Code of practice for terrazzo wearing surfaces

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Committees responsible for this British Standard

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- Association of Lightweight Aggregate Manufacturers
- British Aggregate Construction Materials Industries
- British Resin Manufacturers Association
- Building Employers Confederation
- Chartered Institute of Building
- Concrete Society
- Contract Flooring Association
- Department of the Environment (Building Research Establishment)
- Department of the Environment (Property Services Agency)
- Federation of Associations of Specialists and Subcontractors
- Federation of Plastering and Drywall Contractors
- Federation of Resin Formulators and Applicators (FeRFA)
- Mastic Asphalt Council and Employers Federation
- Mortar Producers Association Limited
- National Federation of Terrazzo-Marble and Mosaic Specialists
- Scottish Master Plasterers Association
- Society of Chemical Industry

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Foreword

This Part of BS 8204 has been prepared under the direction of Technical Committee B/544 Plastering, rendering, dry lining, screeds and in-situ flooring. It gives recommendations for terrazzo floorings laid in-situ on a cement and sand screed applied to a concrete slab and finished by grinding and polishing the surface. Annex A and Annex B give relevant test methods.

If terrazzo flooring is laid well and ground to a fine grit finish, it provides a hard, durable surface which is easy to clean and not inherently slippery. In addition, it is mainly unaffected by water.

BS 8204-4 is one of a series dealing with in-situ floorings; the other Parts of BS 8204 are as follows.

- Part 1:1987, *Code of practice for concrete bases and screeds to receive in-situ floorings.*
- Part 2:1987, *Code of practice for concrete wearing surfaces.*
- Part 3:1993, *Code of practice for polymer modified cementitious wearing surfaces.*
- Part 5¹⁾: *Code of practice for mastic asphalt underlays and wearing surfaces.*

An additional Part of BS 8204 dealing with cold-setting resin wearing surfaces is to be prepared.

BS 8204-4 supersedes section 3 of CP 204-2:1970, which will be withdrawn when BS 8204-5 is published.

As a code of practice, this British Standard 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.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 14, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

¹⁾ In preparation.

1 Scope

This Part of BS 8204 gives recommendations for the materials, design and work on site for in-situ cementitious terrazzo flooring, and should be read in conjunction with BS 8204-1:1987.

2 Normative references

This Part of BS 8204 incorporates, by reference, provisions from specific editions of other publications. These normative references are cited at the appropriate points in the text and the publications are listed on the inside back cover. Subsequent amendments to, or revisions of, any of these publications apply to this Part of BS 8204 only when incorporated in it by updating or revision.

3 Definitions

For the purposes of this Part of BS 8204, the definitions given in BS 6100-6.1:1984, BS 6100-6.2:1986, BS 6100-6.3:1984 and BS 6100-6.4:1986 apply, together with the following.

3.1

floor base

material that supports a screed or flooring

3.2

flooring

uppermost fixed layer of a floor that is designed to provide a wearing surface

3.3

screed

layer of well-compacted material, commonly a mixture of cement and sand, applied in-situ to a base at the appropriate thickness, suitably finished to receive the flooring to be applied and to enable the flooring to be laid to a designated level

3.4

terrazzo

mixture of marble or other natural stone aggregates with Portland cement, incorporating colouring pigments where required, which is ground after setting to expose the aggregate and provide a smooth hard-wearing finish

4 Exchange of information and time schedule

NOTE This clause deals with the exchange of information and time schedule for the whole floor, including bases and screeds.

4.1 General

Consultations and exchange of information between all parties concerned with the building operations should be arranged at an early date, so that each may have full knowledge of the particulars of the work and be able to cooperate in producing the conditions required by the others to complete a satisfactory job.

4.2 Exchange of information

The designer should provide in good time all relevant information to those responsible for laying the flooring and to others whose work could be affected, including whichever of the following are applicable:

- a) description, situation and address of site and means of access;
- b) those conditions of contract which could practically affect this particular work;
- c) location and area of flooring to be laid;
- d) age and nature of the base, including information about the previous use of the floor which could impair adhesion, and any preparatory treatment required;
- e) specification including mix proportions of flooring to be laid;
- f) thickness of floor and flooring;
- g) finished floor level, surface regularity falls and maximum permissible departure from datum;
- h) class of surface regularity of base (see BS 8204-1:1987);
- i) type of damp-proofing and insulation;
- j) type (bonded or unbonded) and thickness of new screed;
- k) any work consequent upon services passing through the floor;
- l) treatment of joints;
- m) treatment of channels;
- n) treatment of skirtings;
- o) treatment of junctions with adjacent floor and floorings;
- p) type of finish of base;
- q) any special requirements related to underfloor heating;
- r) minimum intervals between stages of work and the application of heat in the building;
- s) date for the completion of the base to receive the terrazzo;
- t) dates for the start and completion of various sections of the floor;
- u) details of any conformity testing required.