

Specification for

Materials for damp-proof courses

UDC 699:82:691

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Co-operating organizations

The committee responsible for the preparation of this British Standard consists of representatives of the following Government departments and scientific and industrial organizations:

- Association of British Roofing Felt Manufacturers Ltd.
- British Lead Manufacturers' Association
- British Non-Ferrous Metals Federation
- British Paper and Board Makers Association
- British Plastics Federation
- Confederation of British Industry
- Copper Development Association
- English Slate Quarries Association
- Greater London Council
- Institute of Petroleum
- Institution of Municipal Engineers
- Lead Development Association
- Mastic Asphalt Council and Employers' Federation
- Ministry of Public Building and Works
- Ministry of Public Building and Works Building Research Station
- National Federation of Building Trades Employers
- National Federation of Clay Industries
- North Wales Slate Quarries Association
- Royal Institute of British Architects
- Royal Institution of Chartered Surveyors

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Foreword

This standard makes reference to the following British Standards and Special Publication:

BS 12, *Portland cement (ordinary and rapid-hardening)*.

BS 146, *Portland-blastfurnace cement*.

BS 410, *Test sieves*.

BS 598, *Sampling and examination of bituminous mixtures for roads and buildings*.

BS 890, *Building limes*.

BS 1097, *Mastic asphalt for tanking and damp-proof courses (limestone aggregate)*. [Included in BS 988, BS 1097, BS 1076, BS 1451. Mastic asphalt for building (limestone aggregate).]

BS 1178, *Milled lead sheet and strip for building purposes*.

BS 1200, *Sands for mortar for plain and reinforced brick-work; blockwalling and masonry*. (Included in BS 1198-1200. Building sands from natural sources).

BS 1418, *Mastic asphalt for tanking and damp-proof courses (natural rock asphalt aggregate)*. [Included in BS 1162, BS 1410, BS 1418. Mastic asphalt for building (natural rock asphalt aggregate).]

BS 2870, *Rolled copper and copper alloys, sheet strip and foil*.

BS 3235, *Test methods for bitumen*.

BS 3921, *Clay bricks and blocks*.

BS 4027, *Sulphate-resisting Portland cement*.

BS 5642, *Sills and copings — Part 1: Specification for window sills of precast concrete, cast stone, clayware, slate and natural stone*.

BS 6398, *Specification for bitumen damp-proof courses for masonry*.

BS 6515, *Specification for polyethylene damp-proof courses for masonry*.

BS 8215, *Code of practice for design and installation of damp-proof courses in masonry construction*.

CP 3, *Code of basic data for the design of buildings — Chapter IX: Durability*.

DD 86, *Damp-proof courses*.

This metric revision of BS 743 has been prepared under the authority of the Building Divisional Council, as part of the change to the metric system in the construction industry, giving values in terms of SI units. For further information on SI units, reference should be made to PD 5686¹⁾.

This standard will eventually be superseded by new or existing standards covering the following classes of material for damp-proof courses:

- 1) Lead and copper, sheet thicknesses.
- 2) Bitumen damp-proof sheeting with varying base materials, indicating the filler content and the maximum softening point of the coating bitumen on the addition of filler.
- 3) Mastic asphalts, suitable for damp-proof courses.
- 4) Low density black polythene sheeting.
- 5) Materials used in mortars for bedding damp-proof courses, ordinary, rapid hardening, blastfurnace and sulphate resistant cements. Building limes and sands.
- 6) Slates, with the requirements for “wetting and drying” and sulphuric acid immersion tests.
- 7) Bricks and blocks manufactured from fired brickearth, clay or shale.

¹⁾ PD 5686, “The use of SI units”.