



BS 988, 1076, 1097, 1451 : 1973

UDC 691.767 : 665.776.4 : 665.354.54

Specification for
**Mastic asphalt
for building**
(limestone aggregate)

Gr 6

British Standards Institution



Documents

This British Standard, having been approved by the Bituminous Products Industry Standards Committee, was published under the authority of the Executive Board on 15 October, 1973.

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BS 988	First published, November 1941 First revision, September 1957
BS 1076	First published, October 1942 First revision, January 1956
BS 1097	First published, January 1943 First revision, February 1958
BS 1451	First published, October 1948 First revision, April 1956 Revised as BS 988, 1076, 1097, 1451, January 1966 and October 1973

ISBN: 0 580 07727 6

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The following BSI references relate to the work on this standard:
Committee references BMB/2 and BMB/2/1 Draft for approval 72/11462

Co-operating organizations

The Bituminous Products Industry Standards Committee, under whose supervision this British Standard was prepared, consists of representatives from the following Government departments and scientific and industrial organizations:

Association of British Roofing Felt Manufacturers	*Mastic Asphalt Council and Employers' Federation
Association of Waterproof Paper Manufacturers	National Federation of Builders' and Plumbers' Merchants
*British Tar Industry Association	*National Federation of Building Trades Employers
*Department of the Environment	Pitch Fibre Pipe Association of Great Britain
Building Research Establishment	Refined Bitumen Association Ltd
*Federation of Civil Engineering Contractors	*Royal Institute of British Architects
Felt Roofing Contractors' Advisory Board	*The Royal Institution of Chartered Surveyors
*Institute of Petroleum	Society of Chemical Industry
*Institution of Civil Engineers	Standardization of Tar Products Tests Committee
Institution of Structural Engineers	

The Government department and scientific and industrial organizations marked with an asterisk in the above list, together with the following, were directly represented on the committee entrusted with the preparation of this British Standard:

British Quarrying and Slag Federation
Low Temperature Coal Distillers Association of
Great Britain Ltd
Individual experts

(7404-5k-Westow)



BS 988, 1076, 1097,
1451 :October 1973

UDC 691.167 : 665.775.4 : 666.964.34

Specification for

Mastic asphalt for building

(limestone aggregate)

Amendments issued since publication

Amd. No.	Date of issue	Text affected

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BS 988, 1076, 1097, 1451 : 1973

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Foreword

This revision of these British Standards prepared under the authority of the Bituminous Products Industry Standards Committee, introduces a number of changes as follows:

BS 1451, 'Coloured mastic asphalt for flooring (limestone aggregate)' is now integrated with BS 1076 insofar as the tables of properties and composition are concerned, and is available in the four basic grades as defined in 1.1.

BS 1076 now covers only flooring for internal application. A new grade of flooring (Grade I) is introduced which is more resistant to point loads. In certain circumstances it can be used over underfloor warming systems.

This grade should not be used in open or unheated buildings where the temperature is likely to fall below 5 °C.

Asphaltic cement (Table 3): the number of asphaltic cement types has been reduced from three to two by the removal of column 3 materials (bitumen 50 % by weight, Lake asphalt 50 % by weight). The remaining two columns are now designated 'B' (bitumen) and 'T' (Trinidad Lake asphalt).

Coarse aggregate: clause 4b of the previous edition has been modified to permit the use of limestone chippings (see 1.4.2 of this edition).

Hardness numbers: these have been specified for the material at the time of manufacture as well as at the time of laying.

An appendix (Appendix A) giving a guide to the selection of the appropriate flooring grade for any given purpose is introduced into this revision of the standard.

Information regarding the methods of application is given in the relevant British Standard Codes of Practice, viz:

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|--------|---|
| CP 102 | Protection of buildings against water from the ground |
| CP 144 | Roof coverings |
| | Part 2 Mastic asphalt, Imperial units |
| | Part 4 Mastic asphalt |
| CP 204 | In-situ floor finishes |
| | Part 1 Imperial units |
| | Part 2 Metric units |