

Testing concrete —

Part 208: Recommendations for the determination of the initial surface absorption of concrete

ICS 91.100.30

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW



This is a preview. [Click here to purchase the full publication.](#)

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by Technical Committee B/517, Concrete, to Subcommittee B/517/1, Concrete production and testing, upon which the following bodies were represented:

- Association of Lightweight Aggregate Manufacturers
- Association of Metropolitan Authorities
- British Aggregate Construction Materials Industries
- British Cement Association
- British Civil Engineering Test Equipment Manufacturers' Association
- British Precast Concrete Federation
- British Ready Mixed Concrete Association
- Building Employers' Confederation
- Cement Admixtures Association
- Cementitious Slag Makers' Association
- Concrete Society
- County Surveyors' Society
- Department of the Environment (Building Research Establishment)
- Department of the Environment
- Department of Transport (Highways Agency)
- Electricity Association
- Federation of Civil Engineering Contractors
- Federation of Piling Specialists
- Institute of Concrete Technology
- Institution of Civil Engineers
- Institution of Structural Engineers
- Institution of Water and Environmental Management
- National House-Building Council
- Quality Ash Association
- Sand and Grovel Association
- Society of Chemical Industry

This British Standard, having been prepared under the direction of the Sector Board for Building and Civil Engineering, was published under the authority of the Standards Board and comes into effect on 15 September 1996

© BSI 12-1998

The following BSI references relate to the work on this standard:
Committee reference B/517/1
Draft for comment 95/106828 DC

ISBN 0 580 26201 4

Amendments issued since publication

Amd. No.	Date	Comments

Contents

	Page
Committees responsible	Inside front cover
Foreword	ii
1 Scope	1
2 References	1
3 Definitions	1
4 Applications	1
5 Factors influencing the initial surface absorption of concrete	2
6 Apparatus	2
7 Calibration of apparatus	5
8 Procedure	5
9 Factors affecting test results	7
10 Precision	7
11 Test report	7
Figure 1 — Assembly of typical absorption apparatus	3
Figure 2 — Typical cap suitable for clamping onto a smooth horizontal surface	4
Figure 3 — Typical cap suitable for use on a vertical surface	4
Table 1 — Determination of period of movement	6
Table 2 — Correction factors to convert readings to an equivalent value at 20 °C	7
List of references	Inside back cover