

Testing aggregates —

Part 103: Methods for determination of particle size distribution —

Section 103.1 Sieve tests

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- Association of Consulting Scientists
- Association of Lightweight Aggregate Manufacturers
- Brick Development Association
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Foreword

This section of BS 812, prepared under the direction of the Cement, Gypsum, Aggregates and Quarry Products Standards Committee, is a revision of 7.1 of BS 812-1:1975, which is withdrawn by amendment. The remaining sections of BS 812-1 and BS 812-2, 3 and 4 are also being revised and as each of the tests, or collection of related tests, is revised, it is intended to issue it as a separate Part or Section of this standard.

It is intended that other British Standards should call up BS 812 test methods as the basis of compliance. Nevertheless, it is *not* intended that all aggregates should be subjected regularly to all the listed tests. Requirements in other British Standard specifications will refer only to the relevant test methods.

Some of the tests in other Parts of BS 812 are of limited application, and advice on the use of simpler tests is given, for example, when they can be used for a preliminary sorting of aggregates to see whether more expensive testing is justified.

Removal of fine material by decantation, described as the modified method in the BS 812-1, has been made the preferred method in this revision to ensure reliable testing of aggregate containing fine material that may cause agglomeration of particles.

In this revision the masses retained at the completion of sieving have been rationalized.

Reference should be made to BS 812-101 for general guidance on testing aggregates, precision of test methods and variance arising from sampling errors.

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.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, 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.