

Tests for geometrical properties of aggregates —

Part 4: Determination of particle shape — Shape index

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National foreword

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The UK participation in its preparation was entrusted by Technical Committee B/502, Aggregates, to Subcommittee B/502/6, Test methods, which has the responsibility to:

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 10, an inside back cover and a back cover.

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Tests for geometrical properties of aggregates – Part 4: Determination of particle shape – Shape index

Essais pour déterminer les caractéristiques géométriques
des granulats – Partie 4: Détermination de la forme des
grains – Indice de forme

Prüfverfahren für geometrische Eigenschaften von
Gesteinskörnungen – Teil 4: Bestimmung der Kornform -
Kornformkennzahl

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Contents

	Page
Foreword	3
1 Scope	4
2 Normative references	4
3 Definitions	4
4 Principle	5
5 Apparatus	5
6 Preparation of test portion	6
7 Procedure	6
8 Calculation and expression of results	8
9 Test report	9
Annex A (informative) Example of a test data sheet used for determining the shape index of coarse aggregate	10

Foreword

This European Standard has been prepared by Technical Committee CEN/TC 154 "Aggregates", the Secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2000, and conflicting national standards shall be withdrawn at the latest by December 2003.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom

This European Standard is one of a series of standards for tests for geometrical properties of aggregates. Test methods for other properties of aggregates are covered by Parts of the following European Standards:

EN 932	Tests for general properties of aggregates
EN 1097	Tests for mechanical and physical properties of aggregates
EN 1367	Tests for thermal and weathering properties of aggregates
EN 1744	Tests for chemical properties of aggregates
PrEN 13179	Tests for filler aggregate used in bituminous mixtures

The other parts of EN 933 will be:

Part 1	Determination of particle size distribution - Sieving method
Part 2	Determination of particle size distribution - Test sieves, nominal size of apertures
Part 3	Determination of particle shape - Flakiness index
Part 5	Determination of percentage of crushed and broken surfaces in coarse aggregate particles
Part 6	Determination of particle shape - Flakiness index
Part 7	Determination of shell content - Percentage of shells for coarse aggregates
Part 8	Assessment of fines - Sand equivalent test
Part 9	Assessment of fines - Methylene blue test
Part 10	Assessment of fines - Grading of fillers (air jet sieving)