

Tests for mechanical and physical properties of aggregates

Part 7: Determination of the particle density of filler — Pyknometer method

ICS 91.100.15

National foreword

This British Standard is the UK implementation of EN 1097-7:2008. It supersedes BS EN 1097-7:1999 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee B/502/6, Test methods.

A list of organizations represented on this committee can be obtained on request to its secretary.

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English Version

**Tests for mechanical and physical properties of aggregates -
Part 7: Determination of the particle density of filler - Pycnometer
method**

Essais pour déterminer les caractéristiques mécaniques et
physiques des granulats - Partie 7: Détermination de la
masse volumique absolue du filler - méthode au
picnomètre

Prüfverfahren für mechanische und physikalische
Eigenschaften von Gesteinskörnungen - Teil 7:
Bestimmung der Rohdichte von Füller - Pycnometer-
Verfahren

This European Standard was approved by CEN on 4 February 2008.

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Foreword

This document (EN 1097-7:2008) 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of an identical text or by endorsement, at the latest by September 2008, and conflicting national standards shall be withdrawn at the latest by September 2008.

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This document supersedes EN 1097-7:1999.

This European Standard forms part of a series of standards for tests for mechanical and physical properties of aggregates. Test methods for other properties of aggregates will be covered by parts of the following European Standards:

EN 932, Tests for general properties of aggregates

EN 933, Tests for geometrical properties of aggregates

EN 1367, Tests for thermal and weathering properties of aggregates

EN 1744, Tests for chemical properties of aggregates

EN 13179, Tests for filler aggregate used in bituminous mixtures

The other parts of EN 1097 will be:

Part 1: Determination of the resistance to wear (micro-Deval)

Part 2: Methods for the determination of resistance to fragmentation

Part 3: Determination of loose bulk density and voids

Part 4: Determination of the voids of dry compacted filler

Part 5: Determination of the water content by drying in a ventilated oven

Part 6: Determination of particle density and water absorption

Part 8: Determination of the polished stone value

Part 9: Determination of the resistance to wear by abrasion from studded tyres - Nordic test

Part 10: Determination of water suction height

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