



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 933-5:1998

ICS 91.100.15

**TESTS FOR GEOMETRICAL PROPERTIES  
OF AGGREGATES - PART 5:  
DETERMINATION OF PERCENTAGE OF  
CRUSHED AND BROKEN SURFACES IN  
COARSE AGGREGATE PARTICLES**

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National Standards Authority of Ireland

AMENDMENT

**I.S. EN 933-5:1998/A1:2004**

ICS 91.100.15

**TESTS FOR GEOMETRICAL PROPERTIES OF  
AGGREGATES - PART 5: DETERMINATION OF  
PERCENTAGE OF CRUSHED AND BROKEN  
SURFACES IN COARSE AGGREGATE  
PARTICLES**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 933-5:1998/A1**

November 2004

ICS 91.100.15

English version

**Tests for geometrical properties of aggregates - Part 5:  
Determination of percentage of crushed and broken surfaces in  
coarse aggregate particles**

Essais pour déterminer les propriétés géométriques des  
granulats - Partie 5: Détermination du pourcentage de  
surfaces cassées dans les gravillons

Prüfverfahren für geometrische Eigenschaften von  
Gesteinskörnungen - Teil 5: Bestimmung des Anteils an  
gebrochenen Körnern in groben Gesteinskörnungen

This amendment A1 modifies the European Standard EN 933-5:1998; it was approved by CEN on 16 September 2004.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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## **EN 933-5:1998/A1:2004 (E)**

### **Foreword**

This document (EN 933-5:1998/A1:2004) has been prepared by Technical Committee CEN/TC 154 "Aggregates", the secretariat of which is held by BSI.

This Amendment to the European Standard EN 933-5:1998 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2005, and conflicting national standards shall be withdrawn at the latest by May 2005.

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

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