

Armeeritud kivi. Osa 1: Spetsifikatsioon

Armourstone - Part 1: Specification

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 13383-1:2002 sisaldab Euroopa standardi EN 13383-1:2002+AC:2004 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 18.10.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 13383-1:2002 consists of the English text of the European standard EN 13383-1:2002+AC:2004.</p> <p>This document is endorsed on 18.10.2002 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This European Standard specifies the properties of aggregates obtained by processing natural, manufactured or recycled materials and mixtures of these materials for use as armourstone. It provides for the evaluation of conformity of the products to this European Standard.</p>	<p>Scope:</p> <p>This European Standard specifies the properties of aggregates obtained by processing natural, manufactured or recycled materials and mixtures of these materials for use as armourstone. It provides for the evaluation of conformity of the products to this European Standard.</p>
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Võtmesõnad: aggregates, blocks (building), component for hydraulic structures, construction, construction materials, definition, definitions, hydraulic engineering, materials, mineral aggregates, properties, rocks, specification (approval), specifications

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English version

Armourstone - Part 1: Specification

Enrochements - Partie 1: Spécifications

Wasserbausteine - Teil 1: Anforderungen

This European Standard was approved by CEN on 25 March 2002.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

This European Standard 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 Management Centre has the same status as the official versions.

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Foreword

This document EN 13383-1:2002 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 November 2002, and conflicting national standards shall be withdrawn at the latest by June 2004.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative annex ZA, which is an integral part of this document.

This standard forms part of a series of standards for armourstone, the other part being:

EN 13383-2 *Armourstone - Part 2: Test methods.*

Requirements for other end uses of aggregates will be specified in the following European Standards:

prEN 12620 *Aggregates for concrete.*

prEN 13043 *Aggregates for bituminous mixtures and surface dressings for roads.*

EN 13055 *Lightweight aggregates.*

prEN 13139 *Aggregates for mortar.*

prEN 13242 *Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction.*

prEN 13450 *Aggregates for railway ballast.*

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, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Standard specifies the properties of aggregates obtained by processing natural, manufactured or recycled materials and mixtures of these materials for use as armourstone.

It provides for the evaluation of conformity of the products to this European Standard.

NOTE 1 The requirements in this European Standard are based upon experience with armourstone types with an established pattern of use. Care should be taken when considering the use of armourstone from sources with no such pattern of use, e.g., recycled armourstone and armourstone arising from certain industrial by-products. Such armourstone, which should comply with all the requirements of this European Standard, could have other characteristics not included in Mandate M 125 that do not apply to the generality of armourstone types with an established pattern of use and when required, provisions valid at the place of use can be used to assess their suitability.

NOTE 2 Finer aggregates than specified in this European Standard are used in hydraulic structures. For such aggregates European Standards for other end uses of aggregates should be applied.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text, and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 932-3, *Tests for general properties of aggregate — Part 3: Procedure and terminology for simplified petrographic description.*

EN 932-5, *Tests for general properties of aggregate — Part 5: Common equipment and calibration.*

EN 933-3, *Tests for geometrical properties of aggregates — Part 3: Determination of particle shape — Flakiness index.*

EN 1097-1, *Tests for mechanical and physical properties of aggregates — Part 1: Determination of the resistance to wear (micro-Deval).*

EN 1367-2, *Tests for thermal and weathering properties of aggregates — Part 2: Magnesium sulfate test.*

EN 1744-1:1998, *Tests for chemical properties of aggregates — Part 1: Chemical analysis.*

prEN 1744-3, *Tests for chemical properties of aggregates — Part 3: Preparation of eluates by leaching of aggregates.*

EN 1926:1999, *Methods of test for natural stones — Determination of compressive strength.*

EN 13383-2:2002, *Armourstone — Part 2: Test methods.*

3 Terms and definitions

For the purposes of this European Standard, the following terms and definitions apply.

3.1 armourstone

coarse aggregates used in hydraulic structures and other civil engineering works