

**Agglomerated stone - Slabs and cut-to-size products for
vanity and kitchen tops**

This document is a preview generated by EVS

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 15388:2009 sisaldab Euroopa standardi EN 15388:2008 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 30.09.2009 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 19.03.2008.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 15388:2009 consists of the English text of the European standard EN 15388:2008.

This standard is ratified with the order of Estonian Centre for Standardisation dated 30.09.2009 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

Date of Availability of the European standard text 19.03.2008.

The standard is available from Estonian standardisation organisation.

ICS 91.100.15

Standardite reprodutseerimis- ja levitamiseõigus kuulub Eesti Standardikeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonilisse süsteemi või edastamine ükskõik millises vormis või millisel teel on keelatud ilma Eesti Standardikeskuse poolt antud kirjaliku loata.

Kui Teil on küsimusi standardite autorikaitse kohta, palun võtke ühendust Eesti Standardikeskusega:
Aru 10 Tallinn 10317 Eesti; www.evs.ee; Telefon: 605 5050; E-post: info@evs.ee

Right to reproduce and distribute Estonian Standards belongs to the Estonian Centre for Standardisation

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, without permission in writing from Estonian Centre for Standardisation.

If you have any questions about standards copyright, please contact Estonian Centre for Standardisation:
Aru str 10 Tallinn 10317 Estonia; www.evs.ee; Phone: +372 605 5050; E-mail: info@evs.ee

ICS 91.100.15

English Version

Agglomerated stone - Slabs and cut-to-size products for vanity and kitchen tops

Pierre reconstituée - Plaques et produits coupés sur mesure pour tables de toilette et plans de travail de cuisine

Künstlich hergestellter Stein - Platten und auf Maß geschnittene Produkte für Sanitärbereichs- und Küchenarbeitsflächen

This European Standard was approved by CEN on 7 February 2008.

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 CEN 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 CEN Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

Contents

Page

Foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Requirements	5
4.1 Requirements for geometric characteristics	5
4.2 Requirements for surface finish.....	6
5 Characteristics of agglomerated stones for vanity and kitchen tops	7
5.1 General.....	7
5.2 Denomination	7
5.3 Visual appearance	7
5.4 Reference sample, visual inspection and acceptance criteria	7
5.5 Reaction to fire.....	8
5.6 Apparent density and water absorption.....	8
5.7 Flexural strength.....	8
5.8 Thermal conductivity.....	8
5.9 Thermal shock resistance.....	8
5.10 Impact resistance.....	8
5.11 Chemical resistance	8
5.12 Linear thermal expansion coefficient.....	9
5.13 Electrical resistivity	9
6 Marking, labelling and packaging	9
7 Evaluation of conformity.....	9
7.1 Evaluation for conformity – General rules	9
7.2 Initial type testing of the agglomerated stone material properties	9
7.3 Factory production control – Tests to be carried out by the manufacturer	10
Bibliography	12

Foreword

This document (EN 15388:2008) has been prepared by Technical Committee CEN/TC 246 “Natural stones”, the secretariat of which is held by UNI.

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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This European Standard is one of a series of standards for specifications of agglomerated stone products which includes the following:

- EN 15285, Agglomerated stone – Modular tiles for flooring and stairs (internal and external),
- prEN 15286, Agglomerated stone – Slabs and tiles for wall finishes (internal and external).

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

1 Scope

This European Standard specifies requirements for slabs and cut-to-size products of agglomerated stone which are made for use as vanity and kitchen tops, or other similar use in furnishing.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 13501-1, *Fire classification of construction products and building elements – Part 1: Classification using data from reaction to fire tests*

EN 14617-1, *Agglomerated stone – Test methods – Part 1: Determination of apparent density and water absorption*

EN 14617-2, *Agglomerated stone – Test methods – Part 2: Determination of flexural strength (bending)*

EN 14617-6, *Agglomerated stone – Test methods – Part 6: Determination of thermal shock resistance*

EN 14617-9, *Agglomerated stone – Test methods – Part 9: Determination of impact resistance*

EN 14617-10, *Agglomerated stone – Test methods – Part 10: Determination of chemical resistance*

EN 14617-11, *Agglomerated stone – Test methods – Part 11: Determination of linear thermal expansion coefficient*

EN 14617-13, *Agglomerated stone – Test methods – Part 13: Determination of electrical resistivity*

EN 14617-16, *Agglomerated stone – Test methods – Part 16: Determination of dimensions, geometric characteristics and surface quality of modular tiles*

EN 14618:2005, *Agglomerated stone – Terminology and classification*

NOTE In addition to the European Standards for test methods mentioned in clause 2, there exist further test method standards which can be used for scientific examinations, but which are not relevant for the application in practice according to this standard.