



NSAI
Standards

Irish Standard
I.S. EN 15388:2020

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

I.S. EN 15388:2020

Incorporating amendments/corrigenda/National Annexes issued since publication:

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):

NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.

This document is based on:

EN 15388:2020

Published:

2020-02-26

*This document was published
under the authority of the NSAI
and comes into effect on:*

2020-03-15

ICS number:

91.100.15

NOTE: If blank see CEN/CENELEC cover page

NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

National Foreword

I.S. EN 15388:2020 is the adopted Irish version of the European Document EN 15388:2020, Agglomerated stone - Slabs and cut-to-size products for vanity and kitchen tops

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

For relationships with other publications refer to the NSAI web store.

Compliance with this document does not of itself confer immunity from legal obligations.

In line with international standards practice the decimal point is shown as a comma (,) throughout this document.

This page is intentionally left blank

EUROPEAN STANDARD

EN 15388

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2020

ICS 91.100.15

Supersedes EN 15388:2008

English Version

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

Pierre agglomérée - Dalles 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 6 January 2020.

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-CENELEC 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-CENELEC Management Centre has the same status as the official versions.

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



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents

Page

European foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	5
4 Requirements	6
4.1 Geometric characteristics	6
4.1.1 Dimensions.....	6
4.1.2 Tolerances for dimensions for slabs and cut-to-size products.....	6
4.2 Requirements for surface finish	7
4.2.1 General.....	7
4.2.2 Requirements for surfaces after surface finishing	7
4.2.3 Requirements for the backside	8
4.2.4 Requirements for the edges	8
5 Characteristics of agglomerated stones for vanity and kitchen tops	8
5.1 General.....	8
5.2 Visual appearance.....	8
5.3 Reaction to fire.....	8
5.4 Apparent density and water absorption.....	8
5.5 Flexural tensile strength	8
5.6 Thermal shock resistance	8
5.7 Impact resistance	9
5.8 Chemical resistance.....	9
5.9 Linear thermal expansion coefficient.....	9
6 Contact with food	9
7 Marking, labelling and packaging	9
8 Verification of constancy of performance during the production.....	10
8.1 General rules.....	10
8.2 Type testing of the agglomerated stone material properties	10
8.3 FPC – Tests to be carried out.....	10
Annex A (normative) Reference sample, visual inspection and acceptance criteria	12

European foreword

This document (EN 15388:2020) 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 2020, and conflicting national standards shall be withdrawn at the latest by September 2020.

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

This document supersedes EN 15388:2008.

This document 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)*,
- EN 15286, *Agglomerated stone — Slabs and tiles for wall finishes (internal and external)*.

The significant changes between this document and the previous edition are listed below:

- addition of the note to Clause 1;
- updating of Clauses 2, 5.3, 6;
- deletion of old Clause 7;
- updating of Tables 1 and 2;
- updating of Annex A.

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

EN 15388:2020 (E)

1 Scope

This document specifies requirements and appropriate test methods 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 (e.g. splash zone).

NOTE “Agglomerated stones” are commercially termed “engineered-stones”.

This document does not cover secondary operations including site installation.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 13373, *Natural stone test methods - Determination of geometric characteristics on units*

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

EN 14618, *Agglomerated stone - Terminology and classification*

EN ISO 11664-2, *Colorimetry - Part 2: CIE standard illuminants (ISO 11664-2)*

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- Looking for additional Standards? Visit Intertek Inform Infostore
 - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-