

This is a preview of "DS/EN 15388:2020". [Click here to purchase the full version from the ANSI store.](#)

Agglomeratsten – Plader og måltilpassede produkter til toilet- og køkkenborde

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

DANSK STANDARD
Danish Standards Association

Göteborg Plads 1
DK-2150 Nordhavn

Tel: +45 39 96 61 01
dansk.standard@ds.dk
www.ds.dk

This is a preview of "DS/EN 15388:2020". [Click here to purchase the full version from the ANSI store.](#)

DS projekt: M330897
ICS: 91.100.15

Første del af denne publikations betegnelse er:
DS/EN, hvilket betyder, at det er en europæisk standard, der har status som dansk standard.

Denne publikations overensstemmelse er:
IDT med: EN 15388:2020

DS-publikationen er på engelsk.

Denne publikation erstatter: [DS/EN 15388:2008](#)

DS-publikationstyper

Dansk Standard udgiver forskellige publikationstyper.
Typen på denne publikation fremgår af forsiden.

Der kan være tale om:

Dansk standard

- standard, der er udarbejdet på nationalt niveau, eller som er baseret på et andet lands nationale standard, eller
- standard, der er udarbejdet på internationalt og/eller europæisk niveau, og som har fået status som dansk standard

DS-information

- publikation, der er udarbejdet på nationalt niveau, og som ikke har opnået status som standard, eller
- publikation, der er udarbejdet på internationalt og/eller europæisk niveau, og som ikke har fået status som standard, fx en teknisk rapport, eller
- europæisk præstandard

DS-håndbog

- samling af standarder, eventuelt suppleret med informativt materiale

DS-hæfte

- publikation med informativt materiale

Til disse publikationstyper kan endvidere udgives

- tillæg og rettelsesblade

DS-publikationsform

Publikationstyperne udgives i forskellig form som henholdsvis

- fuldttekstpublikation (publikationen er trykt i sin helhed)
- godkendelsesblad (publikationen leveres i kopi med et trykt DS-omslag)
- elektronisk (publikationen leveres på et elektronisk medie)

DS-betegnelse

Alle DS-publikationers betegnelse begynder med DS efterfulgt af et eller flere præfikser og et nr., fx **DS 383**, **DS/EN 5414** osv. Hvis der efter nr. er angivet et **A** eller **Cor**, betyder det, enten at det er et **tillæg** eller et **rettelsesblad** til hovedstandard, eller at det er indført i hovedstandard.

DS-betegnelse angives på forsiden.

Overensstemmelse med anden publikation:

Overensstemmelse kan enten være IDT, EQV, NEQ eller MOD

- **IDT:** Når publikationen er identisk med en given publikation.
- **EQV:** Når publikationen teknisk er i overensstemmelse med en given publikation, men præsentationen er ændret.
- **NEQ:** Når publikationen teknisk eller præsentationsmæssigt ikke er i overensstemmelse med en given standard, men udarbejdet på baggrund af denne.
- **MOD:** Når publikationen er modificeret i forhold til en given publikation.

This is a preview of "DS/EN 15388:2020". [Click here to purchase the full version from the ANSI store.](#)

EUROPÄISCHE NORM

March 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: Avenue Marnix 17, B-1000 Brussels

This is a preview of "DS/EN 15388:2020". [Click here to purchase the full version from the ANSI store.](#)

Contents

Page

| | |
|--|-----------|
| European foreword | 3 |
| 1 Scope | 5 |
| 2 Normative references | 5 |
| 3 Terms and definitions | 5 |
| 4 Requirements | 7 |
| 4.1 Geometric characteristics | 7 |
| 4.1.1 Dimensions | 7 |
| 4.1.2 Tolerances for dimensions for slabs and cut-to-size products | 7 |
| 4.2 Requirements for surface finish | 8 |
| 4.2.1 General | 8 |
| 4.2.2 Requirements for surfaces after surface finishing | 8 |
| 4.2.3 Requirements for the backside | 9 |
| 4.2.4 Requirements for the edges | 9 |
| 5 Characteristics of agglomerated stones for vanity and kitchen tops | 9 |
| 5.1 General | 9 |
| 5.2 Visual appearance | 9 |
| 5.3 Reaction to fire | 9 |
| 5.4 Apparent density and water absorption | 9 |
| 5.5 Flexural tensile strength | 9 |
| 5.6 Thermal shock resistance | 9 |
| 5.7 Impact resistance | 10 |
| 5.8 Chemical resistance | 10 |
| 5.9 Linear thermal expansion coefficient | 10 |
| 6 Contact with food | 10 |
| 7 Marking, labelling and packaging | 10 |
| 8 Verification of constancy of performance during the production | 11 |
| 8.1 General rules | 11 |
| 8.2 Type testing of the agglomerated stone material properties | 11 |
| 8.3 FPC – Tests to be carried out | 11 |
| Annex A (normative) Reference sample, visual inspection and acceptance criteria | 13 |

This is a preview of "DS/EN 15388:2020". [Click here to purchase the full version from the ANSI store.](#)

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.

This is a preview of "DS/EN 15388:2020". [Click here to purchase the full version from the ANSI store.](#)

This is a preview of "DS/EN 15388:2020". [Click here to purchase the full version from the ANSI store.](#)

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

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)*