SLOVENSKI STANDARD
SIST EN 17074:2027

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SIST EN 17074:2020

Steklo v gradbeništvu - Okoljske deklaracije za proizvode - Pravila za kategorije proizvodov iz ravnega in profiliranega stekla, ki dopolnjujejo standard EN 15804

Glass in building - Environmental product declarations - Product category rules complementary to EN 15804 for flat glass and channel shaped glass products

Glas im Bauwesen - Umweltproduktdeklarationen - Produktkategorieregeln in Ergänzung zu EN 15804 für Flachglas und Profilbauglaserzeugnisse

Verre dans la construction - Déclarations environnementales des produits - Règles complémentaires de l'EN 15804 régissant les catégories de produits en verre plat et en verre profilé

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ICS:

13.020.50	Označevanje z ekološko nalepko	Ecolabelling
81.040.20	Steklo v gradbeništvu	Glass in building

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 17074

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ICS 13.020.50; 81.040.20

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Glass in building - Environmental product declarations - Product category rules complementary to EN 15804 for flat glass and channel shaped glass products

Verre dans la construction - Déclarations environnementales des produits - Règles complémentaires de l'EN 15804 régissant les catégories de produits en verre plat et en verre profilé

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European foreword

This document (EN 17074:2026) has been prepared by Technical Committee CEN/TC 129 “Glass in building”, the secretariat of which is held by NBN.

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of an identical text or by endorsement, at the latest by April 2027, and conflicting national standards shall be withdrawn at the latest by April 2027.

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 is read in conjunction with EN 15804:2012+A2:2019.[1]

This document supersedes EN 17074:2019.

EN 17074:2026 includes the following significant technical changes with respect to EN 17074:2019:

— exclusion of glass blocks from the scope of this version of the standard;

— clearer definitions of different cullet types and modification of their names;

— removal of product stages A’1, A’2 and A’3;

— introduction of declared unit;

— inclusion of the reference to EN 17416:2021;

— clearer guidelines for module D;

— clearer application rules for different cullet types;

— introduction of allocation rules (co-product allocation and allocation procedure for reuse, recycling and recovery);

— clarification of the product information in the EPD.

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[1] As impacted by EN 15804:2012+A2:2019/AC:2021.

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1 Scope

This document provides complementary product category rules (c-PCR) for Type III environmental product declarations (EPD) for flat glass and channel shaped glass products for use in buildings and construction works. It describes stages of product's life cycle considered in the EPD and the processes included in life cycle stages.

Glass-block products are excluded from the scope. All other glass products i.e. intermediate and finished products, intended to be used in buildings and construction works, are in the scope of this document.

Examples of glass products covered by this c-PCR are listed in Annex H.

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 15804:2012+A2:2019, *Sustainability of construction works - Environmental product declarations - Core rules for the product category of construction products*

EN 17416:2021, *Glass in building - Assessment of release of dangerous substances - Determination of emissions into indoor air from glass products*

3 Terms and definitions

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For the purposes of this document, the terms and definitions given in EN 15804:2012+A2:2019 and the following apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

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— ISO Online browsing platform: available at https://www.iso.org/obp/

— IEC Electropedia: available at https://www.electropedia.org/

3.1
end-of-waste status
status of a product that is no longer waste

3.2
furnace process cullet
cullet generated by a glass melting furnace for quality rejects or other reasons during production or non-production period, through any furnace exit, capable of being re-introduced in a glass melting furnace on the same or another manufacturing site with no other treatment than crushing and/or standard magnetic/metallic separation

Note 1 to entry: In EN 17074:2019, the furnace process cullet was called internal cullet.

Note 2 to entry: The term "furnace process cullet" is used here in the context of a "cullet produced by the glass furnace process", therefore glass furnace producing the cullet and glass furnace receiving the cullet for melting may belong to two different manufacturing sites.

Note 3 to entry: Examples of other reasons for glass rejection are edge rejects and geometrical losses.

Note 4 to entry: Examples of non-production periods are colour or thickness transition, furnace draining and technology testing.

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Note 5 to entry: This cullet results from production of basic glass products and excludes pre-consumer cullet from other furnaces e.g. tempering and bending furnaces.

Note 6 to entry: Limits between different cullet types are specified in Table 1.

3.3
pre-consumer cullet
co-product resulting from any industrial operation starting from the stacking of basic glass and ending at the storage of finished product

Note 1 to entry: An example of pre-consumer cullet is the glass cullet constituted by off cuts of glass processing (manufacturing of mirror, coated glass, insulating glass unit, laminated glass, etc.).

Note 2 to entry: Cullet collected from glass processing on the same manufacturing site as the glass melting furnace is pre-consumer cullet.

Note 3 to entry: In the context of Life Cycle Assessment according to EN 15804, pre-consumer cullet is considered as co-product and not as secondary material (see Annex G).

Note 4 to entry: Limits between different cullet types are specified in Table 1.

Note 5 to entry: Cullet coming from online cutting of cut-size glass after cutting of the ribbon may be considered as pre-consumer cullet provided that the calculation of the quantity takes into account cutting yield and quality losses.

Note 6 to entry: The definition is consistent with EN ISO 14021:2026 and EN 45557:2020.

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3.4
post-consumer cullet
glass waste originated from finished products before, during or after their use at the consumer market

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Note 1 to entry: This includes returns or breakages of finished products from transport or distribution chain (adapted from EN ISO 14021:2026).

Note 2 to entry: In the context of Life Cycle Assessment according to EN 15804, post-consumer cullet is considered as secondary material (see Annex G).

Note 3 to entry: Limits between different cullet types are specified in Table 1.

Note 4 to entry: The definition is consistent with EN ISO 14021:2026 and EN 45557:2020.

3.5
secondary material
material recovered from previous use or from waste which substitutes primary materials

Note 1 to entry: Secondary material is measured at the point where the secondary material enters the system from another system.

Note 2 to entry: Materials recovered from previous use or from waste from one product system and used as an input in another product system are secondary materials.

Note 3 to entry: Examples of secondary materials (to be measured at the system boundary) are recycled scrap metal, crushed concrete, glass cullet, recycled wood chips, and recycled plastic.

Note 4 to entry: Only post-consumer cullet is considered as secondary material in the context of Life Cycle Assessment according to EN 15804. Pre-consumer cullet is considered as co-product and furnace process cullet is an internal flow (see Annex G).

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3.6
basic glass product
basic glass
monolithic, transparent, translucent, clear or tinted glass, wired or not, supplied in rectangular flat panes or channel shaped, in stock sizes, for either final use in buildings or further processing

Note 1 to entry: Basic glass products can be of the following types:

— basic soda lime silicate glass products (EN 572-1, EN 572-2, EN 572-3, EN 572-4, EN 572-5, EN 572-6 and EN 572-7);

— special basic products - borosilicate glasses (EN 1748-1-1);

— special basic products - glass ceramics (EN 1748-2-1);

— basic alkaline earth silicate glass products (EN 14178-1);

— basic alumino silicate glass products (EN 15681-1);

— online coated glass (EN 1096-1).

3.7
intermediate glass product
product that has left a manufacturing line other than the glass melting furnace to be further processed in one or more other manufacturing line(s) in order to become finished product

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Note 1 to entry: Examples of intermediate glass product are offline coated glass, laminated glass, acid-etched glass, painted glass, mirrors, etc.

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3.8
finished glass product
product that is ready to be installed in another construction product or directly in a building or construction work

3.9
processed glass product
processed glass
one or more basic glass products further processed into an intermediate or a finished glass product

Note 1 to entry: Processed glass products can be of the following types:

— prestressed glass including enamelled glass;

— curved monolithic glass;

— laminated glass: laminated (safety) glass, building integrated laminated photovoltaic glass (BIPV) and curved laminated glass;

— glass with modified surface e.g. offline coated glass, acid etched glass, mirrors;

— insulating glass: insulating glass unit (IGU), vacuum insulating glass (VIG) and curved IGU.

Note 2 to entry: References to standards for processed glass products, when available, are listed in Annex H.

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