

service public fédéral
**SANTÉ PUBLIQUE,
SECURITE DE LA CHAINE ALIMENTAIRE
ET ENVIRONNEMENT**



federale overheidsdienst
**VOLKSGEZONDHEID,
VEILIGHEID VAN DE VOEDSELKETEN
EN LEEFMILIEU**

B-EPD PROGRAM

OVERVIEW OF VALIDATED c-PCR DOCUMENTS

1 INTRODUCTION

Every EPD must comply to following horizontal PCR documents:

- EN 15804
- NBN/DTD B 08-001 (can be purchased via www.nbn.be (the Belgian standardization body))

Sometimes complementary product group specific product category rules (c-PCR) exist and in some case no c-PCR exists but is necessary. For reasons of consistency, all c-PCR need to be validated by the Program Operator based on a motivated advise of an independent group of experts.

This document gives an overview of the validated c-PCR documents and which c-PCR documents currently are under assessment and when a decision is expected.

This list will be updated when necessary.

If you want to establish an EPD following scenario's are possible:

1. Your product group is covered by a c-PCR in this document, then your EPD needs to comply to this c-PCR and to the above mentioned horizontal ones.
2. Your product group is not covered by a c-PCR in this document, and no NBN PCR or EN PCR exists: no need to establish a c-PCR. The above mentioned horizontal ones are sufficient.
3. Your product group is not covered by a c-PCR in this document, but a c-PCR exists (NBN or EN). This c-PCR first needs to be validated by the B-EPD program.

If the NBN/DTD B 08-001 has additional requirements compared to the c-PCR, these requirements have to be followed.

If you want to draft an EPD in compliance with the B-EPD program it is mandatory to contact the Federal Public Service via epd@environment.belgium.be prior to the start of the LCA study. This because we check with the developpers of the Belgian building application tool [Totem](#) if any additional requirements are necessary on e.g. declared or functional unit. Otherwise we cannot guarantee useability of the B-EPD by Totem.

2 OVERVIEW OF VALIDATED C-PCR DOCUMENTS

Product group	c-PCR	Comments / restrictions
Concrete and concrete elements	NBN EN 16757:2017	Regarding carbonation, be sure to report it separately as additional information as requested by the NBN/DTD B 08-001.
Thermal insulation products	NBN EN 16783:2017	For chapter 6.3.6 of the NBN EN 16783, be sure to follow the NBN/DTD B 08-001 as it has more stringent rules.
Cement	NBN EN 16908	6.3.4.1 "Biogenic CO2 emissions can be compensated by re-growth of biomass in the short-term. Therefore, CO2 emissions from biomass fuels and the biogenic carbon content of mixed fuels shall not be included in the total CO2 emissions [29], [30]." According to EN 16485,

		<p>this is only applicable to wood from sustainably managed sources. → If biomass is from sustainable sources the contribution to GWP is indeed zero for A1-A3 (uptake in A1, release in A3); but the motivation for not including the CO2 emissions is not correctly formulated. Conclusion: Concerning the contribution of biogenic carbon to GWP refer to A11 (and eventually A26, and A33) of NBN / DTD B 08-001</p> <p>7.2b “the main components are fully defined by the cement or building lime type according to product standard specifications...”→may give the impression that there is no need to give information about the packaging Conclusion: the description of the main components and or materials shall include a description of the considered packaging (type + weight)</p> <p>Annex D (informative) Not completely in line with table 1 from NBN / DTD B 08-001 (ex. In case EOW is not reached, but E1>60% EN 16908 requires to declare the impact in C3, DTD in C4). Conclusion: Table 1 from NBN / DTD B 08-001 shall apply instead</p>
<p>Woodbased products</p>	<p>NBN EN 16485</p>	<p>According to table 1, when the outputflow does not reach EOW and R1>60 the incineration is considered as energy recovery and impacts are declared in C3. According to table 1 from NBN/DTD B08-001 this case is considered as waste incineration with export of energy and impacts shall be declared in C4 (see also EN 15804+A1:2014, note 2: “only when materials have reached the EOW state can they be considered materials for energy recovery,...”) Conclusion: Table 1 from NBN/ DTD B08-001 shall apply instead of table 1 from EN 16485.</p>

3 OVERVIEW OF CEN C-PCR DOCUMENTS NOT VALIDATED

Product group	c-PCR	Comments
Resilient floor coverings	NBN EN 16810	EN 16810 is <u>based</u> on EN 15804 but <u>modified</u> to suit specific needs (see Introduction of the standard). It contains several contradictions with EN 15804 or NBN B DTD 08-001, but no really valuable additional information (only tables 2- to 5 are specific for floor coverings but they are only there as examples (not as requirements).

4 C-PCR CURRENTLY UNDER ASSESSMENT BUT NOT YET VALIDATED

None for the time being.

5 ONGOING WORK AT CEN

Product group	c-PCR	Comments
Plastics piping systems	prEN 16904 prEN 16903	Publication was stopped due to several issues with regards to the horizontal rules of EN 15804.
Flatt glass	prEN 17074	Publication was stopped due to several issues with regards to the horizontal rules of EN 15804.
windows, roof windows and external pedestrian doorsets	prEN 17213	Ongoing process. Final stage.
ceramic tiles	prEN 17160	Ongoing process. Final stage.
Flexible sheets for waterproofing	No reference yet	Drafting process started mid-2018.
Gypsumbased Construction Products	No reference yet	Ongoing process.

f you have any comments or questions to this document, please contact us via epd@environment.Belgium.Be