

ENVIRONMENTAL PRODUCT DECLARATION

as per ISO 14025 and EN 15804+A2

Owner of the Declaration	Knauf Performance Materials GmbH
Publisher	Institut Bauen und Umwelt e.V. (IBU)
Programme holder	Institut Bauen und Umwelt e.V. (IBU)
Declaration number	EPD-KNA-20250053-CBA1-EN
Issue date	05.03.2025
Valid to	04.03.2030

Rotkalk in-Board 045 TecTem® 50 mm
Knauf Performance Materials GmbH

www.ibu-epd.com | <https://epd-online.com>



General Information

Knauf Performance Materials GmbH

Programme holder

IBU – Institut Bauen und Umwelt e.V.
Hegelplatz 1
10117 Berlin
Germany

Declaration number

EPD-KNA-20250053-CBA1-EN

This declaration is based on the product category rules:

Mineral insulating materials, 01.08.2021
(PCR checked and approved by the SVR)

Issue date

05.03.2025

Valid to

04.03.2030



Dipl.-Ing. Hans Peters
(Chairman of Institut Bauen und Umwelt e.V.)



Florian Pronold
(Managing Director Institut Bauen und Umwelt e.V.)

Rotkalk in-Board 045 TecTem® 50 mm

Owner of the declaration

Knauf Performance Materials GmbH
Kipperstrasse 19
44147 Dortmund
Germany

Declared product / declared unit

1 m² Rotkalk in-Board 045 TecTem®, 4.75 kg/m², 50mm

Scope:

This EPD is prepared as a representative EPD for the Rotkalk in-Board 045 TecTem® product group, calculated with a thickness of 50mm, produced from Knauf Performance Materials GmbH, plant Dortmund, Kipperstraße 19, 44147 Dortmund. The life cycle assessment is based on production data for the period 01/03/2021--28/02/2022. The owner of the declaration shall be liable for the underlying information and evidence; the IBU shall not be liable with respect to manufacturer information, life cycle assessment data and evidences.

The EPD was created according to the specifications of EN 15804+A2. In the following, the standard will be simplified as *EN 15804*.

Verification

The standard EN 15804 serves as the core PCR	
Independent verification of the declaration and data according to ISO 14025:2011	
☐	internally
☒	externally



Dr.-Ing. Nikolay Minkov,
(Independent verifier)

Product

Product description/Product definition

Rotkalk in-Board 045 TecTem® is an innovative, fiber-free insulation board according to *ETA 15/0004*, from 11 January 2021. It is a mineral and capillary active insulation panel made of expanded, natural perlite rock and has been specially developed for interior walls.

Special features are:

- Mineral-based;
- Steam diffusion permeable;
- Highly capillary-active;
- Quick distribution and drying of incidental moisture;
- Non-combustible, reaction to fire A1 acc. to *EN 13501-1*;
- Completely recyclable;
- Mold resistant;
- Easy to process and apply.

The following products are belonging to the Product group Rotkalk in-Board 045 TecTem®:

- Rotkalk in-Board 045 TecTem® 50mm;
- Rotkalk in-Board 045 TecTem® 60mm;
- Rotkalk in-Board 045 TecTem® 80mm;
- Rotkalk in-Board 045 TecTem® 100mm;
- Rotkalk in-Board 045 TecTem® 120mm;
- Rotkalk in-Board 045 TecTem® 140mm;
- Rotkalk in-Board 045 TecTem® 160mm;
- Rotkalk in-Board 045 TecTem® 180mm;
- Rotkalk in-Board 045 TecTem® 200mm.

In order to determine the environmental impacts of the Rotkalk in-Board 045 TecTem® with thicknesses other than 50 mm, the conversion factors described in the section "calculation rules" apply.

For the placing of the product on the market in the European Union/European Free Trade Association /EU/EFTA (with the exception of Switzerland) the *Regulation (EU) No. 305/2011 (CPR)* applies. The product needs a declaration of performance taking into consideration *ETA 15/0004:11.01.2021*, "Rotkalk in-Board 045 TecTem®", and the CE- marking.

For the application and use the respective national provisions apply.

Application

Rotkalk in-Board 045 TecTem® 50mm was developed for the interior insulation of exterior walls and interior ceilings (WI, DI according to *DIN 4108-10*).

It is the ideal solution for the energy-efficient renovation of facades where external insulation is not possible, such as listed facades or facades whose appearance is to be preserved, such as exposed brick facades.

Technical Data

Technical datasheets can be downloaded from the website:
https://knauf.com/de-DE/p/produkt/rotkalk-in-board-045-tectem-r-25316_0010

Technical data

Name	Value	Unit
Thermal conductivity, 50-120mm, declared value Lamda D (23/50), EN 12667:2001	0,045	W/mK
Thermal conductivity, 140-200mm, declared value Lamda D (23/50), EN 12667:2001	0,044	W/mK
Water vapour diffusion resistance factor, EN 12086	5-6	
Gross density, EN 1602	90 - 105	kg/m³
Thickness, EN 823	50 - 200	mm
Length, EN 822	500 - 1250	mm
Width, EN 822	400 - 1250	mm
Compressive strength, EN 826	>0,2	N/mm²
Bending strength, EN 12089	>0,12	N/mm²
Tensile strength, EN 1607	>0,08	N/mm²
Dimensional stability under specific temperature and humidity conditions, EN 1604	max ±0,5*	%
Deformation under specific load and temperature conditions, EN 1605	max 5**	%

* (23°C, 90% rel. humidity and 70°C, 50% rel. humidity)

** DLT (3)5

Performance data of the product in accordance with the declaration of performance with respect to its essential characteristics according to *ETA 15/0004:11.01.2021*, "Rotkalk in-Board 045 TecTem®"

Base materials/Ancillary materials

Rotkalk in-Board 045 TecTem® 50mm is produced from the components stated in the table below:

Name	Value	Unit
Expanded Perlite	~80	mass%
Mineral binder	~12	mass%
Thickener	~8	mass%

'This product/article/at least one partial article contains substances listed in the candidate list (date: 27.06.2024) exceeding 0.1 percentage by mass: no'.

Reference service life

The reference service life for the boards is up to 50 years.

LCA: Calculation rules

Declared Unit

This declaration refers to the declared unit of 1 m² of insulation material as board 'Rotkalk in-Board 045 TecTem® 50 mm'. The weight of the product is 4.75 kg/m².

Declared unit and mass reference

Name	Value	Unit
declared unit	1	m²
Grammage	4.75	kg/m²
Layer thickness	0.05	m
conversion factor	20	-

In order to determine the environmental impacts of the Rotkalk in-Board 045 TecTem® with other thicknesses, the following conversion factors apply:

Thickness [mm]	Conversion factor
50	1
60	1,2
80	1,6
100	2
120	2,4
140	2,8
160	3,2
180	3,6
200	4

System boundary

Type of EPD: cradle to gate with options. The EPD considers module A1-A3, A4, A5, C1-C4 and D.

Module A1 includes provision of all raw materials, production of pre-products (e.g. mining of perlite) and energy supply.

Module A2 considers a 300 km transportation to the production site located in Germany.

Module A3 considers the manufacturing of the product at the production site including provision of electricity (0,67 kg CO₂-eq./kWh) and thermal energy from natural gas. The production of packaging materials is also included.

Module A4 considers a 230 km truck transport to the construction site.

Module A5 considers the treatment and disposal of packaging materials. Benefits for potential avoided burdens due to energy substitution of electricity and thermal energy generation are declared in module D. Additionally, adhesive tenant and interior plaster are necessary to install the board and are therefore declared in module A5.

Module C1 considers the dismantling of the product at EoL with an excavator.

Module C2 considers a 50 km transportation to waste processing by truck.

Two scenarios are considered in the End-of-life: recycling (1) and landfilling (2).

Module C3 (Scenario 1) calculates the recycling processing efforts, in which the product is processed (considering 3 % losses) and a material benefit for roadworks (gravel) is applied in module D. For C3/1 the results are '0'.

Module C4/1 (Scenario 2) considers landfilling of the product. For C4 the results are '0'.

Module D includes potential benefits for the thermal and electrical energy generated in module A5 due to packaging treatment and also the material benefit due to the product processing in module C3. Avoided burdens have been calculated by the inversion of electricity grid mix and thermal energy from natural gas. The material benefit is calculated by using a generic data set for gravel.

Module D/1 accounts for the avoided burdens for electricity grid mix and thermal energy from natural gas due to packaging incineration resulting from A5 only.

The CO₂ incorporation in the product (from the sequestration in the starch) and the packaging (from the sequestration in the kraft paper and wooden pallets) is considered. The C-balance is closed by considering the biotic CO₂ emissions according to the incorporation on the input side.

Period under review

The period under review for the collection of production data is the following period: March 2021 – February 2022.

Geographic Representativeness

Land or region, in which the declared product system is manufactured, used or handled at the end of the product's lifespan: Germany

Comparability

Basically, a comparison or an evaluation of EPD data is only possible if all the data sets to be compared were created according to *EN 15804* and the building context, respectively the product-specific characteristics of performance, are taken into account. Background dataset: *Sphera LCA FE* (former GaBi database), *CUP 2023.2*.

LCA: Scenarios and additional technical information

Characteristic product properties of biogenic carbon

Biogenic carbon is present in the product as well as the packaging materials.

Information on describing the biogenic carbon content at factory gate

Name	Value	Unit
Biogenic carbon content in product	0.189	kg C
Biogenic carbon content in accompanying packaging	0.125	kg C

Note: 1 kg of biogenic carbon is equivalent to 44/12 kg of CO₂.

The following technical information is a basis for the declared modules.

Transport to the building site (A4)

Module A4 considers a 230 km truck transport to construction site (diesel-driven).

Name	Value	Unit
Litres of fuel	0.04	l/100km
Transport distance	230	km
Capacity utilisation (including empty runs)	61	%

Installation into the building (A5)

For the installation of the board, adhesive tenant and interior plaster are used as fixing materials.

The packaging material treatment and disposal are also considered in module A5.

Name	Value	Unit
Auxiliary adhesive tenant	4.5	kg
Auxiliary interior plaster	7,2	kg
PE-film (packaging)	0.031	kg/m ²
kraft paper (packaging)	0.11	kg/m ²
wooden pallets (packaging)	0.038	kg/m ²

End of life (C1 - C4)

The deconstruction (module C1) of the product including the installation material is assumed to be done machine-assisted

(demolition excavator – diesel-powered).
 The transport to waste processing (module C2) is assumed to be 50 km by truck.
 Scenario 1: crushing/recycling for use in road construction (module C3)
 Scenario 2: Landfill (module C4/1)

Name	Value	Unit
Collected as mixed construction waste	16.5	kg
Recycling (scenario 1)	16.5	kg
Landfilling (scenario 2)	16.5	kg

Reuse, recovery and/or recycling potentials (D), relevant scenario information
 Module D considers the benefits of packaging treatment (from Module A5) and material benefits after waste processing (from Module C3).
 Module D/1 considers the benefits of packaging treatment (from Module A5) only.

LCA: Results

The following tables display the environmentally relevant results according to *EN 15804+A2*, EF 3.1 for 1 m² of insulation material as board 'Rotkalk in-Board 045 TecTem® 50 mm'.

Two end-of-life scenarios are declared in the EPD:

The recycling scenario (EoL 1) shows the corresponding results in C3, for C3/1 the results are '0'.

The landfilling scenario (EoL 2) shows the results in C4/1, for C4 the results are '0'.

Module D considers the benefits of packaging treatment (from Module A5) and material benefit after waste processing (from Module C3).

Module D/1 considers the benefits of packaging treatment (from Module A5) only.

DESCRIPTION OF THE SYSTEM BOUNDARY (X = INCLUDED IN LCA; MND = MODULE OR INDICATOR NOT DECLARED; MNR = MODULE NOT RELEVANT)

Product stage			Construction process stage		Use stage							End of life stage				Benefits and loads beyond the system boundaries
Raw material supply	Transport	Manufacturing	Transport from the gate to the site	Assembly	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	De-construction demolition	Transport	Waste processing	Disposal	Reuse-Recovery-Recycling-potential
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
X	X	X	X	X	MND	MND	MNR	MNR	MNR	MND	MND	X	X	X	X	X

RESULTS OF THE LCA - ENVIRONMENTAL IMPACT according to EN 15804+A2: 1 m² insulation material as board "Rotkalk in-Board 045 TecTem® 50 mm"

Parameter	Unit	A1-A3	A4	A5	C1	C2	C3	C3/1	C4	C4/1	D	D/1
GWP-total	kg CO ₂ eq	1.7E+01	9.01E-02	4.03E+00	4.35E-03	6.69E-02	7.35E-01	0	0	9.38E-01	-1.61E-01	-1.26E-01
GWP-fossil	kg CO ₂ eq	1.78E+01	8.93E-02	3.82E+00	4.3E-03	6.63E-02	4.19E-02	0	0	2.44E-01	-1.6E-01	-1.26E-01
GWP-biogenic	kg CO ₂ eq	-8.81E-01	2.54E-04	2.05E-01	1.6E-05	1.89E-04	6.93E-01	0	0	6.94E-01	-2.74E-04	-8.76E-04
GWP-luluc	kg CO ₂ eq	5.86E-03	5.41E-04	1.71E-03	2.6E-05	4.02E-04	2.06E-04	0	0	7.68E-04	-1.13E-04	-1.12E-05
ODP	kg CFC11 eq	1.52E-11	2.23E-14	9.71E-12	1.07E-15	1.66E-14	1.28E-13	0	0	6.35E-13	-1.84E-12	-1.46E-12
AP	mol H ⁺ eq	2.19E-02	1.2E-04	5.27E-03	5.95E-05	8.94E-05	2.13E-04	0	0	1.75E-03	-2.85E-04	-1.24E-04
EP-freshwater	kg P eq	5.86E-05	2.13E-07	6.11E-06	1.03E-08	1.58E-07	1.11E-07	0	0	4.99E-07	-5.11E-07	-3.24E-07
EP-marine	kg N eq	8.38E-03	4.5E-05	1.77E-03	2.71E-05	3.34E-05	9.96E-05	0	0	4.53E-04	-1.05E-04	-4.65E-05
EP-terrestrial	mol N eq	8.57E-02	5.33E-04	1.93E-02	2.98E-04	3.95E-04	1.1E-03	0	0	4.98E-03	-1.14E-03	-4.95E-04
POCP	kg NMVOC eq	2.17E-02	1.07E-04	5.13E-03	8.1E-05	7.93E-05	2.68E-04	0	0	1.37E-03	-2.77E-04	-1.2E-04
ADPE	kg Sb eq	5.96E-07	6.55E-09	7.22E-07	3.15E-10	4.86E-09	4.56E-08	0	0	1.15E-08	-1.47E-08	-1.05E-08
ADPF	MJ	3.44E+02	1.23E+00	2.7E+01	5.91E-02	9.13E-01	8.19E-01	0	0	3.29E+00	-2.46E+00	-1.98E+00
WDP	m ³ world eq deprived	8.79E-02	4.75E-04	2.73E-01	2.28E-05	3.52E-04	7.43E-03	0	0	2.71E-02	-3.14E-03	-1.58E-03

GWP = Global warming potential; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential of land and water; EP = Eutrophication potential; POCP = Formation potential of tropospheric ozone photochemical oxidants; ADPE = Abiotic depletion potential for non-fossil resources; ADPF = Abiotic depletion potential for fossil resources; WDP = Water (user) deprivation potential)

RESULTS OF THE LCA - INDICATORS TO DESCRIBE RESOURCE USE according to EN 15804+A2: 1 m² insulation material as board "Rotkalk in-Board 045 TecTem® 50 mm"

Parameter	Unit	A1-A3	A4	A5	C1	C2	C3	C3/1	C4	C4/1	D	D/1
PERE	MJ	1.08E+01	8.25E-02	1.04E+01	3.97E-03	6.12E-02	9.01E-02	0	0	5.38E-01	-9.21E-01	-7.1E-01
PERM	MJ	1.22E+01	0	-4.63E+00	0	0	0	0	0	0	0	0
PERT	MJ	2.3E+01	8.25E-02	5.76E+00	3.97E-03	6.12E-02	9.01E-02	0	0	5.38E-01	-9.21E-01	-7.1E-01
PENRE	MJ	3.43E+02	1.23E+00	2.84E+01	5.93E-02	9.14E-01	8.2E-01	0	0	3.29E+00	-2.46E+00	-1.98E+00
PENRM	MJ	1.33E+00	0	-1.33E+00	0	0	0	0	0	0	0	0
PENRT	MJ	3.44E+02	1.23E+00	2.71E+01	5.93E-02	9.14E-01	8.2E-01	0	0	3.29E+00	-2.46E+00	-1.98E+00
SM	kg	0	0	0	0	0	0	0	0	0	1.6E+01	0
RSF	MJ	0	0	0	0	0	0	0	0	0	0	0
NRSF	MJ	0	0	0	0	0	0	0	0	0	0	0
FW	m ³	3.25E-02	7.34E-05	9.12E-03	3.53E-06	5.44E-05	2.16E-04	0	0	8.3E-04	-3.6E-04	-2.53E-04

PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy resources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water

RESULTS OF THE LCA – WASTE CATEGORIES AND OUTPUT FLOWS according to EN 15804+A2:

1 m² insulation material as board "Rotkalk in-Board 045 TecTem® 50 mm"

Parameter	Unit	A1-A3	A4	A5	C1	C2	C3	C3/1	C4	C4/1	D	D/1
HWD	kg	7.9E-08	2.08E-12	7.41E-10	9.99E-14	1.54E-12	0	0	0	7.09E-11	-1.09E-10	-1.42E-10
NHWD	kg	1.02E+00	1.84E-04	1.5E-01	8.87E-06	1.37E-04	2.3E-04	0	0	1.65E+01	-6.66E-01	-1.02E-03
RWD	kg	5.26E-03	1.62E-06	4.98E-04	7.8E-08	1.2E-06	6.72E-06	0	0	3.7E-05	-9.31E-05	-7.35E-05
CRU	kg	0	0	0	0	0	0	0	0	0	0	0
MFR	kg	0	0	0	0	0	1.65E+01	0	0	0	0	0
MER	kg	0	0	0	0	0	0	0	0	0	0	0
EEE	MJ	0	0	0	0	0	0	0	0	0	0	0
EET	MJ	0	0	0	0	0	0	0	0	0	0	0

HWD = Hazardous waste disposed; NHWD = Non-hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EET = Exported thermal energy

RESULTS OF THE LCA – additional impact categories according to EN 15804+A2-optional:

1 m² insulation material as board "Rotkalk in-Board 045 TecTem® 50 mm"

Parameter	Unit	A1-A3	A4	A5	C1	C2	C3	C3/1	C4	C4/1	D	D/1
PM	Disease incidence	2.34E-07	9.87E-10	1.06E-07	3.18E-09	7.33E-10	4.13E-09	0	0	2.16E-08	-1.04E-08	-9E-10
IR	kBq U235 eq	4.34E-01	1.74E-04	5.29E-02	8.36E-06	1.29E-04	7.06E-04	0	0	4.21E-03	-9.86E-03	-7.77E-03
ETP-fw	CTUe	6.12E+01	8.98E-01	1.28E+01	4.33E-02	6.66E-01	5.89E-01	0	0	1.78E+00	-5.53E-01	-2.92E-01
HTP-c	CTUh	2.86E-09	1.79E-11	6.92E-10	8.6E-13	1.33E-11	1.29E-11	0	0	2.76E-10	-4.54E-11	-2.35E-11
HTP-nc	CTUh	1.33E-07	7.5E-10	5.51E-08	3.67E-11	5.57E-10	4.5E-10	0	0	2.92E-08	-2.6E-09	-6.49E-10
SQP	SQP	8.2E+01	4.38E-01	1.11E+01	2.11E-02	3.25E-01	2.07E-01	0	0	8.3E-01	-7.64E-01	-4.93E-01

PM = Potential incidence of disease due to PM emissions; IR = Potential Human exposure efficiency relative to U235; ETP-fw = Potential comparative Toxic Unit for ecosystems; HTP-c = Potential comparative Toxic Unit for humans (cancerogenic); HTP-nc = Potential comparative Toxic Unit for humans (not cancerogenic); SQP = Potential soil quality index

Disclaimer 1 – for the indicator "Potential Human exposure efficiency relative to U235". This impact category deals mainly with the eventual impact of low-dose ionizing radiation on human health of the nuclear fuel cycle. It does not consider effects due to possible nuclear accidents, occupational exposure or radioactive waste disposal in underground facilities. Potential ionizing radiation from the soil, radon and from some construction materials is also not measured by this indicator.

Disclaimer 2 – for the indicators "abiotic depletion potential for non-fossil resources", "abiotic depletion potential for fossil resources", "water (user) deprivation potential, deprivation-weighted water consumption", "potential comparative toxic unit for ecosystems", "potential comparative toxic unit for humans – cancerogenic", "Potential comparative toxic unit for humans - not cancerogenic", "potential soil quality index". The results of this environmental impact indicator shall be used with care as the uncertainties on these results are high as there is limited experience with the indicator.

References

Standards

DIN 4108-10

DIN 4108-10:2021-11: Thermal insulation and energy economy in buildings - Part 10: Application-related requirements for thermal insulation materials

EN 822

EN 822:2013-05, Thermal insulating products for building applications - Determination of length and width.

EN 826

UNE-EN 826: 2013-11-06, Thermal insulating products for building applications - Determination of compression behaviour.

EN 1602

BS EN 1602:2013-03-31, Thermal insulating products for building applications. Determination of the apparent density.

EN 1604

EN 1604:2013-05, Thermal insulating products for building applications - Determination of dimensional stability under specified temperature and humidity conditions.

EN 1605

EN 1605:2013-05, Thermal insulating products for building applications - Determination of deformation under specified compressive load and temperature conditions.

EN 1607

EN 1607:2013-05, Thermal insulating products for building

applications - Determination of tensile strength perpendicular to faces.

EN 12086

EN 12086:2013-06, Thermal insulating products for building applications - Determination of water vapour transmission properties.

EN 12089

EN 12089:2013-06, Thermal insulating products for building applications - Determination of bending behaviour.

EN 12667

EN 12667:2001-05, Thermal performance of building materials and products - Determination of thermal resistance by means of guarded hot plate and heat flow meter methods - Products of high and medium thermal resistance.

EN 13501-1

EN 13501-1 : 2018 Fire classification of construction products and building elements - Part 1: Classification using test data from reaction to fire tests - This European Standard provides the reaction to fire classification procedure for all construction products, including products incorporated within building elements.

EN 15804

EN 15804:2012+A2:2019+AC:2021, Sustainability of construction works — Environmental Product Declarations — Core rules for the product category of construction products

EN ISO 14025

EN ISO 14025:2011, Environmental labels and declarations — Type III environmental declarations — Principles and procedures

PCR**IBU 2021**

Institut Bauen und Umwelt e.V.: General Instructions for the EPD programme of Institut Bauen und Umwelt e.V., Version 2.0, Berlin: Institut Bauen und Umwelt e.V., 2024, www.ibu-epd.com

PCR - Part A

PCR - Part A: Calculation rules for the Life Cycle Assessment and Requirements on the Background Report, version 1.4, Institut Bauen und Umwelt e.V., 2024, www.bau-umwelt.com

PCR - Part B

PCR - Part B: Requirements on the EPD for Mineral Insulating materials, version from 08/2021, Institut Bauen und Umwelt e.V., 2024, www.bau-umwelt.com

Software and databases**Sphera LCA FE**

Sphera LCA for Experts (LCA FE) software -system and databases, Managed LCA content MLC (fka GaBi database), University of Stuttgart and Sphera Solutions GmbH, CUP Version: 2023.2, MLC data set documentation under <https://lcadatabase.sphera.com/> (Feb 2025)

other references**ETA 15/0004**

European Technical Assessment for specific products of the product family "Thermal insulation boards made of expanded perlite, deviating from EN 13169" for Knauf Performance Materials GmbH.

Regulation (EU) No. 305/2011 (CPR)

Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC Text with EEA relevance.

**Publisher**

Institut Bauen und Umwelt e.V.
Hegelplatz 1
10117 Berlin
Germany

+49 (0)30 3087748- 0
info@ibu-epd.com
www.ibu-epd.com

**Programme holder**

Institut Bauen und Umwelt e.V.
Hegelplatz 1
10117 Berlin
Germany

+49 (0)30 3087748- 0
info@ibu-epd.com
www.ibu-epd.com

**Author of the Life Cycle Assessment**

Sphera Solutions GmbH
Hauptstraße 111- 113
70771 Leinfelden-Echterdingen
Germany

+49 (0)711 341817-0
info@sphera.com
www.sphera.com

**Owner of the Declaration**

Knauf Performance Materials GmbH
Kipperstrasse 19
44147 Dortmund
Germany

0231 - 99 80 01
kpm.info@knauf.com
www.knauf-performance-
materials.com