ENVIRONMENTAL PRODUCT DECLARATION

as per ISO 14025 and EN 15804

Owner of the Declaration	egetaepper a/s
Programme holder	Institut Bauen und Umwelt e.V. (IBU)
Publisher	Institut Bauen und Umwelt e.V. (IBU)
Declaration number	EPD-EGE-20140127-CBC1-EN
Issue date	19/11/2014
Valid to	18/11/2020

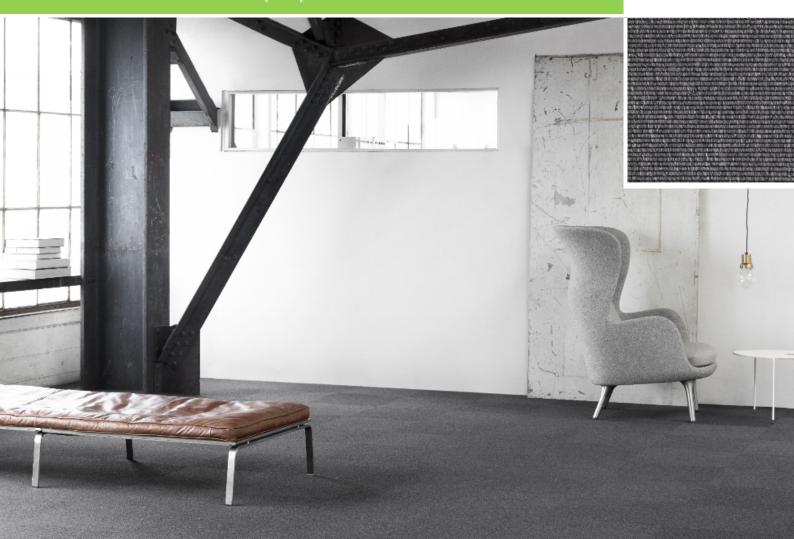
Una Ecotrust 350

Woven carpet tiles, pile material 450-550 g/m² polyamide 6, felt backing made of recycled material

ege®



www.bau-umwelt.com / https://epd-online.com





General Information

ege®

Programme holder

IBU - Institut Bauen und Umwelt e.V. Panoramastr. 1 10178 Berlin Germany

Declaration number

EPD-EGE-20140127-CBC1-EN

This Declaration is based on the Product

Category Rules: Floor coverings, 07-2012 (PCR tested and approved by the independent expert committee)

Issue date

19/11/2014

Valid to 18/11/2020

Wermanes

Prof. Dr.-Ing. Horst J. Bossenmayer (President of Institut Bauen und Umwelt e.V.)

Sallann

Dr. Burkhart Lehmann (Managing Director IBU)

Product

Product description

Una Ecotrust 350 - Woven loop pile carpet tiles having a pile material of solution dyed polyamide 6 and a felt backing made of 100% recycled polyester.

The declaration applies for a group of products with a total pile material weight of 450-550 g/m^2 .

The calculations refer to the average pile material of 500 g/m².

The recycled content out of total weight amount to 14,0%.

Application

According to the use class as defined in EN 1307 the products can be used in all professional area which require class 33 or less.



Una Ecotrust 350

Woven carpet tiles pile material 450-550 g/m² PA 6, felt backing

Owner of the Declaration

egetaepper a/s Industrivej Nord 25 7400 Herning Denmark

Declared product / Declared unit

1 m² woven carpet tiles 'Una Ecotrust 350'

Scope:

The declaration applies to a group of similar products with a pile material of 450-550 $g/m^2\!.$

It is only valid in conjunction with a valid PRODIS licence.

The carpet is woven at Bentzon Carpets, Roejle, Denmark. It is back coated in the ege[®] manufacturing site Gram, Denmark. Cutting of tiles takes place in the ege[®] manufacturing site Herning, Denmark .

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.

Verification

The CEN Norm EN 15804 serves as the core PCR

Independent verification of the declaration

according to ISO 14025

externally

internally

Indo

Dr. Eva Schmincke (Independent tester appointed by SVA)

Technical Data

of the average product according to EN 1307

Name	Value	Unit
Product Form	Tiles	-
Type of manufacture	Woven loop pile carpet	-
Yarn type	PA 6	-
Secondary backing	100% recycled PES	-
Total pile weight	450-550	g/m²
Total carpet weight	up to 2550	g/m ²

Additional product properties and performance ratings according to EN 1307 can be found on the Product Information System (PRODIS) using the PRODIS registration number of the product (www.pro-dis.info) or on the manufacturer's technical information section (www.egecarpets.com)



Base materials / Ancillary materials

Name	Value	Unit
Polyamide 6	20,0	%
Polyester	23,3	%
Limestone	7,0	%
Aluminiumhydroxide	27,1	%
SBR-latex	22,3	%
Additives	0,3	%

Reference service life

The service life of textile floorcoverings strongly depends on the correct installation taking into account the declared use classification and the adherence to cleaning and maintenance instructions. A minimum service life of 10 years can be assumed, technical service life can be considerably longer.

LCA: Calculation rules

Declared Unit

Name	Value	Unit
Declared unit	1	m ²
Conversion factor to 1 kg	0.4	m ² /// a
(average product)	0,4	m²/kg
Mass reference (average product)	2.5	kg/m²

System boundary

Type of EPD: Cradle to grave

System boundaries of modules A, B, C, D:

A1-A3 Production:

Energy supply and production of the basic material, processing of secondary material, auxiliary material, transport of the material to the manufacturing site, emissions, waste water treatment, packaging material and waste processing up to the landfill disposal of residual waste (except radioactive waste). Credits for electricity and steam from the incineration of production waste are aggregated.

A4 Transport:

Transport of the packed textile floorcovering from factory gate to the place of installation.

A5 Installation:

Installation of the textile floorcovering, production and transport of auxiliary material, waste processing up to the landfill disposal of residual waste (except radioactive waste), the production of the amount of carpet that occurs as installation waste incl. its transport to the place of installation.

Credits for electricity and steam from the incineration of packaging and installation waste leave the product system.

B1 Use:

Indoor emissions during the use stage. After the first year no product related VOC emissions are relevant due to known VOC decay curves of the product.

B2 Maintenance:

Cleaning of the textile floor covering for a period of 1 year:

Vacuum cleaning – electricity supply Wet cleaning – electricity, water consumption, production of the cleaning agent, waste water treatment. The declared values in this module have to be multiplied with the assumed service life of the floor covering in the building considered.

<u>B3 - B7:</u>

The modules are not relevant and therefore not declared.

C1 De-construction:

The floorcovering is de-constructed manually and no additional environmental impact is caused.

C2 Transport:

Transport of the carpet waste to a landfill, to the municipal waste incineration plant (MWI) or to the waste collection facility for recycling.

C3 Waste processing:

C3-1, C3-2: Landfill and waste incineration need no waste processing. C3-3: Collection of the carpet waste, waste processing (granulating).

C4 Disposal

C4-1, C4-2: Impact from landfill or from waste incineration (credits leave the system boundaries), C4-3: The pre-processed carpet waste leaves the system and needs no disposal.

D Recycling potential:

D-1, D-2: Energy credits from landfill and from waste incineration (processing with < 60% efficiency), D-3: Transport from the reprocessing plant to the cement plant, substitution of material and fuel input in the cement kiln (energetic and substance related credits).

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.



LCA: Scenarios and additional technical information

The following information refers to the declared modules and is the basis for calculations or can be used for further calculations. All indicated values refer to the declared functional unit.

Transport to the construction site (A4)

Name	Value	Unit						
Litres of fuel (truck, EURO 0-5 mix)	0.0079	l/100km						
Transport distance	700	km						
Capacity utilisation (including empty runs)	85	%						
Gross density of products transported	500	kg/m ³						

Installation in the building (A5)

Name	Value	Unit
Auxiliary (fixing agent)	0.15	kg
Material loss	0.08	kg
Cardboard packaging waste leaves th	ne system	n for

recycling.

Installation waste is considered to be incinerated in a municipal waste incineration plant.

Maintenance (B2)

Name	Value	Unit
Maintenance cycle (wet cleaning)	1.5	1/year
Maintenance cycle (vacuum cleaning)	208	1/year
Water consumption (wet cleaning)	0.003	m ³
Cleaning agent (wet cleaning)	0.06	kg
Electricity consumption	0.314	kWh
F (1, 1, 6, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		

Further information on cleaning and maintenance see <u>www.egecarpets.com</u>

End of Life (C1-C4)

Three different end-of-life scenarios are declared and the results are indicated separately in module C. Each scenario is calculated as a 100% scenario.

Scenario 1: 100% landfill

Scenario 2: 100% municipal waste incineration (MWI) Scenario 3: 100% recycling in the cement industry

If combinations of these scenarios have to be calculated this should be done according to the following scheme:

EOL-impact = x% impact (Scenario 1) + y% impact (Scenario 2)

+ z% impact (Scenario 3)

Name	Value	Unit
Collected as mixed construction waste	2.5	ka
(scenario 1 and 2)	2.5	kg
Collected separately (scenario 3)	2.5	kg
Landfilling (scenario 1)	2.5	kg
Energy recovery (scenario 2)	2.5	kg
Energy recovery (scenario 3)	1.5	kg
Recycling (scenario 3)	0.9	kg

Reuse, recovery and/or recycling potentials (D), relevant scenario information

The recovery or recycling potentials due to the three end-of-life scenarios (module C) are indicated separately.

<u>Recycling in the cement industry (scenario 3)</u> /VDZ e.V./

The organic material of the carpet is used as secondary fuel in a cement kiln. It mainly substitutes for lignite (63.2%), hard coal (27.7%) and petrol coke (9.1%).

The inorganic material is substantially integrated in the cement clinker and substitutes for original material input.



LCA: Results

Information on un-declared modules:

Modules B3 - B7 are not relevant during the service life of the carpet and are therefore not declared. Module C1 causes no additional impact (see "LCA: Calculation rules", "C1 De-construction") and is therefore not declared.

Module C2 represents the transport for scenarios 1, 2 and 3.

DESC	RIPT		F THE	E SYS	TEM B	OUND	ARY	(X = IN	CLUD	ED IN	LCA; I	MND =	MOD	ULE N	OT DE	ECLAR	ED)
PROE	DUCT S	STAGE	ON PR				U	SE STA	GE			END OF LIFE STAGE					TS AND ADS ID THE TEM
			STAGE						BOUNE								
Raw material supply	Transport	Manufacturing	Transport from the gate to the site	Assembly	Use	Maintenance	Repair	Replacement ¹⁾	Refurbishment ¹⁾	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	C	C
Х	Х	X	Х	X	X	X	MNR	MNR	MNR	MND	MND	MND	Х	Х	Х	>	<
RESU	JLTS	OF TH	IE LC/	4 - EN	VIRON	IMENT	TAL IN	IPACT	: 1 m²	floorc	overin	g					
Param eter	U	Init	A1-A3	A4	A5	B1	B2	C2	C3/1	C3/2	C3/3	C4/1	C4/2	C4/3	D/1	D/2	D/3
GWP	[kg C	O ₂ -Eq.]	10.60	0.11	0.53	0.00	0.35	0.01	0.00	0.00	0.02	5.58	4.28	0.00	-0.14	-2.01	-0.31
ODP	[kg CF0	C11-Eq.]	2.69E-8	5.10E- 13	1.20E-8	0.00E+0	9.60E-9	2.80E-	0.00E+0	0.00E+0	1.10E-	4.80E- 12	2.40E-9	0.00E+0	-9.50E-	-5.60E- 10	-4.70E- 12
AP		O ₂ -Eq.]		4.94E-4				3 2.69E-5			7.77E-5	6.94E-4			-6.56E-4	-4.80E-3	-1.93E-3
EP POCP		0₄) ³ - Eq.] nen Eq.]						4 6.16E-6 4 -9.57E-6									
ADPE		b Eq.]	2.84E-4		8.62E-6			2.20E-								-1.54E-7	
ADPF		NJ]	209.00	1.48	8.55	0.00	7.05	0.08	0.00	0.00	0.19	1.78	1.45	0.00	-1.58	-28.80	-50.10
								ntial of th									
Captio	n Euti	rophicatio	on potent	tial; POC				f troposph DPF = Abi						Abiotic c	lepletion	potential	for non
DECL																	
RESL	JLIS		IE LC/	4 - RE	SOUR	CE US	6E: 1 r	n² floo					our ooo				
Param			IE LC/ A1-A3	A - RE A4	SOUR A5	CE US B1	B2				C3/3	C4/1	C4/2	C4/3	D/1	D/2	D/3
Parame PER	eter	Unit A [MJ]	A1-A3 14.70	A4 0.06	A5 1.58	B1 0.00	B2 0.56	n² floo C2 0.00	C3/1	ring C3/2 0.00	C3/3 0.05	C4/1 0.10	C4/2 0.05	0.00	-0.45	-2.67	-0.14
Parame	eter I	Unit / [MJ] [MJ]	A1-A3	A4	A5	B1	B2	n² floo C2	rcover C3/1	ring C3/2	C3/3	C4/1	C4/2				
Paramo PER PER PER PER	eter E	Unit I [MJ] [MJ] [MJ] [MJ] [MJ] 1	A1-A3 14.70 0.00 14.70 171.81	A4 0.06 0.00 0.06 1.49	A5 1.58 0.00 1.58 9.35	B1 0.00 0.00 0.00 0.00	B2 0.56 0.00 0.56 8.34	n² floo C2 0.00 0.00 0.00 0.08	C3/1 0.00 0.00 0.00 0.00	ring C3/2 0.00 0.00 0.00 0.00	C3/3 0.05 0.00 0.05 0.29	C4/1 0.10 0.00 0.10 1.87	C4/2 0.05 0.00 0.05 1.68	0.00 0.00 0.00 0.00	-0.45 0.00 -0.45 -2.47	-2.67 0.00 -2.67 -34.10	-0.14 0.00 -0.14 -50.30
Paramo PER PERI PER PENF	eter	Unit / [MJ] [MJ] [MJ] [MJ] 1 [MJ] 1	A1-A3 14.70 0.00 14.70 171.81 51.19	A4 0.06 0.00 0.06 1.49 0.00	A5 1.58 0.00 1.58 9.35 0.00	B1 0.00 0.00 0.00 0.00 0.00	B2 0.56 0.00 0.56 8.34 0.00	n² floo C2 0.00 0.00 0.00 0.00 0.00 0.00 0.08 0.00	C3/1 0.00 0.00 0.00 0.00 0.00 0.00	ring C3/2 0.00 0.00 0.00 0.00 0.00	C3/3 0.05 0.00 0.05 0.29 0.00	C4/1 0.10 0.00 0.10 1.87 0.00	C4/2 0.05 0.00 0.05 1.68 0.00	0.00 0.00 0.00 0.00 0.00	-0.45 0.00 -0.45 -2.47 0.00	-2.67 0.00 -2.67 -34.10 0.00	-0.14 0.00 -0.14 -50.30 0.00
Parama PER PER PER PENF PENF	eter I E I M I T I RE I RM I RM I RT I	Unit I [MJ] [MJ] [MJ] [MJ] [MJ] 1 [MJ] 2	A1-A3 14.70 0.00 14.70 171.81 51.19 223.00	A4 0.06 0.00 0.06 1.49 0.00 1.49 0.00	A5 1.58 0.00 1.58 9.35 0.00 9.35	B1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	B2 0.56 0.00 0.56 8.34 0.00 8.34	n² floo C2 0.00 0.00 0.00 0.00 0.00 0.00 0.08 0.00 0.08 0.08	C3/1 0.00 0.00 0.00 0.00 0.00 0.00 0.00	ring C3/2 0.00 0.00 0.00 0.00 0.00 0.00	C3/3 0.05 0.00 0.05 0.29 0.00 0.29	C4/1 0.10 0.00 0.10 1.87 0.00 1.87	C4/2 0.05 0.00 0.05 1.68 0.00 1.68	0.00 0.00 0.00 0.00 0.00 0.00	-0.45 0.00 -0.45 -2.47 0.00 -2.47	-2.67 0.00 -2.67 -34.10 0.00 -34.10	-0.14 0.00 -0.14 -50.30 0.00 -50.30
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Parama PER PER PENF PENF SM RSF NRS	eter I E I M I T I RE I RM I RT I F I	Unit I [MJ] [MJ] [MJ] [MJ] [MJ] 1 [MJ] 2 [MJ] 2 [MJ] 3 [MJ] 3	A1-A3 14.70 0.00 14.70 171.81 51.19 223.00 0.53 .38E-3 9 .55E-2 9	A4 0.06 0.00 0.06 1.49 0.00 1.49 0.00 1.49 0.00 0.53E-6 0.98E-5	A5 1.58 0.00 1.58 9.35 0.00 9.35 0.01 1.33E-4 (1.39E-3 0.01	B1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00E+0 8 0.00E+0 8	B2 0.56 0.00 0.56 8.34 0.00 8.34 0.00 8.37E-5 8.60E-4	2 floo C2 0.00 0.00 0.00 0.00 0.00 0.00 0.08 0.00 5.19E-7 5.43E-6	C3/1 0.00	ring C3/2 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00E+0 0.00E+0	C3/3 0.05 0.00 0.29 0.00 0.29 0.00 6.12E-6 6.41E-5	C4/1 0.10 0.00 0.10 1.87 0.00 1.87 0.00 1.50E-3 3.32E-3	C4/2 0.05 0.00 0.05 1.68 0.00 1.68 0.00 1.63E-5 1.59E-4	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	-0.45 0.00 -0.45 -2.47 0.00 -2.47 0.00 -5.16E-5 -5.41E-4	-2.67 0.00 -2.67 -34.10 0.00 -34.10 0.00 -4.69E-4 -4.91E-3	-0.14 0.00 -0.14 -50.30 0.00 -50.30 0.00 -4.80E-5 -5.04E-4
Paramo PER PER PENF PENF SM RSF	eter I E I M I T I RE I RM I RT I RT I F I F I	Unit J [M.J] [M.J] [M.J] 1 [M.J] 1 [M.J] 2 [M.J] 3 [M.J] 3 [M.J] 3 [M.J] 3 [M.J] 3 [M.J] 1	A1-A3 14.70 0.00 14.70 51.19 223.00 0.53 .38E-3 5.55E-2 9 19E+1 5	A4 0.06 0.00 0.06 1.49 0.00 1.49 0.00 1.49 0.00 0.53E-6 9.98E-5 5.55E-3	A5 1.58 0.00 1.58 9.35 0.00 9.35 0.01 1.33E-4 (1.39E-3 0.99E-1 0.99E-1	B1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00E+0 0.00E+0 0.00E+0	B2 0.56 0.00 0.56 8.34 0.00 8.34 0.00 8.37E-5 8.60E-4 9.80E-1	n² floo c2 0.00 0.00 0.08 0.00 0.08 0.00 5.19E-7 5.43E-6 3.02E-4	COVE C3/1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00E+0 0.00E+0	ring C3/2 0.00	C3/3 0.05 0.00 0.29 0.00 0.29 0.00 6.12E-6 6.41E-5 6.38E-2	C4/1 0.10 0.00 0.10 1.87 0.00 1.87 0.00 1.50E-3 3.32E-3 7.05E-2	C4/2 0.05 0.00 0.05 1.68 0.00 1.63 1.59 1.59 1.59 1.59 1.59 1.59 1.59 1.59	0.00 0.00 0.00 0.00 0.00 0.00 0.00E+0 0.00E+0 0.00E+0	-0.45 0.00 -0.45 -2.47 0.00 -2.47 0.00 -5.16E-5 -5.41E-4 -5.38E-1	-2.67 0.00 -2.67 -34.10 0.00 -34.10 0.00 -4.69E-4 -4.91E-3 -3.18E+0	-0.14 0.00 -0.14 -50.30 0.00 -50.30 0.00 -4.80E-5 -5.04E-4 -1.59E-1
Parama PER PER PENF PENF SM RSF NRS FW Captio	Eter E E M T RE RM RT RE F F F F rene of se	Unit / [M.] [M.] [M.] [M.] [M.] [M.] [M.] 2 [M.] 3 [M.] 3 [M.] 3 [M.] 3 [M.] 3 [M.] 3 [M.] 1. PERE = I wable proor renewable percondary wable proor renewable percondary 1.	A1-A3 14.70 0.00 14.70 51.19 223.00 0.53 .38E-3 55E-2 55E-2 55E-2 55E-2 55E-2 55E-2 55E-2 55E-2 55E-2 55E-2 55E-2 55E-2 55E-2 55E-2 55E-2 55E-2 19E+1 55E+1	A4 0.06 0.00 0.06 1.49 0.00 0.53E-6 0.98E-5 5.55E-3 0.98E-5 0.	A5 1.58 0.00 1.58 9.35 0.00 9.35 0.01 1.33E-4 (1.39E-3 (6.99E-1 (c e primar sources e sources = Use of	B1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00+0 0.00E+0 0.00E+0 0.00E+0 y energy used as renewat	B2 0.56 0.00 0.56 8.34 0.00 8.37E-5 8.60E-4 9.80E-1 v exclud raw ma non ren raw ma ble seco	n² floo C2 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 5.19E-7 5.43E-6 3.02E-4 ing renew terials; P ewable p aterials; F ndary fue	C3/1 0.00	c3/2 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00E+0 0.00E+0 mary energy regenergy	C3/3 0.05 0.00 0.05 0.29 0.00 0.29 0.00 6.12E-6 6.41E-5 6.38E-2 ergy ress of renews seo of nor of nor r	C4/1 0.10 0.00 0.10 1.87 0.00 1.87 0.00 1.50E-3 3.32E-3 7.05E-2 Durces u vable pri used as n renewable	C4/2 0.05 0.00 0.05 1.68 0.00 1.63E-5 1.59E-4 8.51E-2 sed as ramary en raw mary en raw mary en raw mary en	0.00 0.00 0.00 0.00 0.00 0.00 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 aw mate ergy ress terials; P nary ener	-0.45 0.00 -0.45 -2.47 0.00 -2.47 0.00 -5.16E-5 -5.41E-4 -5.38E-1 rials; PE purces; ENRM = gy resou	-2.67 0.00 -2.67 -34.10 0.00 -34.10 0.00 -4.69E.4 -4.91E.3 -3.18E+0 RM = Us PENRE = Use of Irces; SM	-0.14 0.00 -0.14 -50.30 0.00 -50.30 0.00 -4.80E-5 -5.04E-4 -1.59E-1 se of = Use of non Λ = Use
Parama PER PER PENF PENF SM RSF NRS FW Captio	eter E E M T RE R R F F F F F F F F F F F F F	Unit / [M.]	A1-A3 14.70 0.00 14.70 51.19 223.00 0.53 .38E-3 55E-2 9 .19E+1 55E-2 9 .19E+1 5 55E-2 9 .19E+1 5 Use of re- rimary er- wable p rimary er- wable p rimary er- water in article in a trans- trans- y materia IE LCA	A4 0.06 0.00 0.06 1.49 0.00 0.53E-6 0.98E-5 5.55E-3 0.98E-5 0.	A5 1.58 0.00 1.58 9.35 0.00 9.35 0.01 1.33E-4 (1.39E-3 (6.99E-1 (c e primar sources e sources = Use of	B1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00+0 0.00E+0 0.00E+0 0.00E+0 y energy used as renewat	B2 0.56 0.00 0.56 8.34 0.00 8.37E-5 8.60E-4 9.80E-1 v exclud raw ma non ren raw ma ble seco	n² floo C2 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 5.19E-7 5.43E-6 3.02E-4 ing renev terials; P ewable p aterials; T	C3/1 0.00	c3/2 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00E+0 0.00E+0 mary energy regenergy	C3/3 0.05 0.00 0.05 0.29 0.00 0.29 0.00 6.12E-6 6.41E-5 6.38E-2 ergy ress of renews seo of nor of nor r	C4/1 0.10 0.00 0.10 1.87 0.00 1.87 0.00 1.50E-3 3.32E-3 7.05E-2 Durces u vable pri used as n renewable	C4/2 0.05 0.00 0.05 1.68 0.00 1.63E-5 1.59E-4 8.51E-2 sed as ramary en raw mary en raw mary en raw mary en	0.00 0.00 0.00 0.00 0.00 0.00 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 aw mate ergy ress terials; P nary ener	-0.45 0.00 -0.45 -2.47 0.00 -2.47 0.00 -5.16E-5 -5.41E-4 -5.38E-1 rials; PE purces; ENRM = gy resou	-2.67 0.00 -2.67 -34.10 0.00 -34.10 0.00 -4.69E.4 -4.91E.3 -3.18E+0 RM = Us PENRE = Use of Irces; SM	-0.14 0.00 -0.14 -50.30 0.00 -50.30 0.00 -4.80E-5 -5.04E-4 -1.59E-1 se of = Use of non Λ = Use
Parama PER PER PENF PENF PENF SM RSF NRS FW Captio	eter E E M T RE RE R R F F F F F F F F F F F F F	Unit / [M.] [M.] [M.] [M.] [M.] [M.] [M.] 2 [Kg] [M.] 3 [M.] 3 [M.] 3 [M.] 3 [M.] 2 ERE = I wable p econdary OF TH covering	A1-A3 14.70 0.00 14.70 14.70 51.19 223.00 0.53 .38E-3 9 .55E-2 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5	A4 0.06 0.00 0.00 1.49 0.00 1.49 0.00 1.49 0.00 5.55E-3 enewabl nergy re nergy re al; RSF A - OL	A5 1.58 0.00 1.58 9.35 0.00 9.35 0.01 1.33E-4 (1.39E-3 6.39E-1 6.39E-1 6.39E-1 6.39E-1 5.000 e primar sources e primar sources e sources e use of JTPUT	B1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00+0 { 0.00E+0 { 0.00E+0 { 0.00E+0 { 0.00E+0 { y energy used as renewat FLOW	B2 0.56 0.00 0.56 0.34 0.00 8.34 0.00 8.37E-5 8.60E-4 9.80E-1 7 exclud raw ma ble seco VS AN	12 floo C2 0.00 0.00 0.00 0.00 0.08 0.00 0.08 0.00 5.19E-7 5.43E-6 3.02E-4 ing renew terials; P terials; P ewable p aterials; F indary fue ID WA3	C3/1 0.00	c3/2 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00E+0 0.00E+0 mary enr otal use energy re Total use SF = Use er ATEG(C3/3 0.05 0.00 0.29 0.00 0.29 0.00 6.12E-6 6.38E-2 ergy rest of renew sources se of nor of non r	C4/1 0.10 0.00 0.10 1.87 0.00 1.87 0.00 1.50E-3 3.32E-3 7.05E-2 pources u vable pri used as n renewa enewabl	C4/2 0.05 0.00 0.05 1.68 0.00 1.63E-5 1.59E-4 8.51E-2 sed as ramary en raw may en ble prime e second	0.00 0.00 0.00 0.00 0.00 0.00E+0 0.00E+0 0.00E+0 aw mate ergy ress terials; P ary ener dary fuel	-0.45 0.00 -0.45 -2.47 0.00 -5.16E-5 -5.41E-4 -5.38E-1 rials; PE Surces; I ENRM = gy resou s; FW =	-2.67 0.00 -2.67 -34.10 0.00 -34.10 0.00 -4.69E-4 4.91E-3 -3.18E+0 -3.18E+0 -3.18E+0 -3.18E+0 Second Second PENRE = Use of n Use of n	-0.14 0.00 -0.14 -50.30 0.00 -50.30 0.00 -50.4E-4 -1.59E-1 -1.59E-4 -1.59E
Paramo PER PER PENF PENF SM RSF NRS FW Captio	eter	Unit / [M.]	A1-A3 14.70 0.00 14.70 14.70 14.70 15.19 223.00 0.53 .55E-2 S5	A4 0.06 0.00 0.00 0.00 1.49 0.00 1.49 0.00 3.53E-6 9.98E-5 5.55E-3 6.55E-3 henewabl nergy real; RSF A - OL A4	A5 1.58 0.00 1.58 9.35 0.00 9.35 0.01 1.32E-4 (1.39E-3 (0.5.99E-1) (0.99E-1)	B1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00+0 0.00E+0 y energy used as renewat FLOW B1	B2 0.56 0.00 0.56 8.34 0.00 8.34 0.00 8.37E-5 8.60E-4 9.80E-1 7 exclud raw ma non ren raw ma oble secco VS AN B2	n² floo C2 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 5.19E-7 5.43E-6 3.02E-4 ing renew terials; P ewable p aterials; F indary fue D WAS C2	C3/1 0.00	c3/2 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00E+0 0.00E+0 0.00E+0 0.00E+0 Fotal use SF = Use r ATEG C3/2	C3/3 0.05 0.00 0.29 0.00 0.29 0.00 0.29 0.00 6.12E-6 6.41E-5 6.38E-2 ergy ress of renews sources se of nor r ORIES C3/3	C4/1 0.10 0.00 0.10 1.87 0.00 1.50E-3 3.32E-3 7.05E-2 Durces u vable pri used as n renewa enewable C4/1	C4/2 0.05 0.00 0.05 1.68 0.00 1.68 0.00 1.63E-5 1.59E-4 8.51E-2 sed as r mary en raw mai ble prim e second C4/2	0.00 0.00 0.00 0.00 0.00 0.00E+0 0.00E+0 0.00E+0 0.00E+0 aw mate ergy resident for the second terials; P ary ener dary fuel	-0.45 0.00 -0.45 -2.47 0.00 -2.47 0.00 -5.16E-5 -5.41E-4 -5.38E-1 rials; PE burces; I ENRM = gy resot s; FW =	-2.67 0.00 -2.67 -34.10 0.00 -34.10 0.00 -4.69E-4 -4.91E-3 -3.18E+0 RM = Us PENRE = = Use of Irces; SN Use of n	-0.14 0.00 -0.14 -50.30 0.00 -50.30 0.00 -4.80E-5 -5.04E-4 -1.59E-1 ise of = Use of non A = Use et fresh
Parama PER PER PEN PEN PEN SM RS FW Captio	eter	Unit / [M.]	A1-A3 14.70 0.00 14.70 14.70 14.70 14.70 14.70 14.70 14.70 14.70 14.70 51.19 223.00 0.53 .38E-3 9 .55E-2 19E+1 5Use of refinancy equation wable primary equation y materia IE LC/ 10 A1-A3 0.00	A4 0.06 0.00 0.00 0.00 1.49 0.00 1.49 0.00 5.55E-3 energy real; RSF A - OL A4 0.00	A5 1.58 0.00 1.58 9.35 0.01 1.384 (0) 1.33E4 (0) 1.39E-1 (0) 6.99E-1 (0) 0.99E-1 (0) 9.35 0.01 1.33E-4 (0) 1.39E-3 (0) 6.99E-1 (0) 9.99E-1 (0)	B1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 9 used as renewat FLOV B1 0.00	B2 0.56 0.00 0.56 0.00 8.34 0.00 8.34 0.00 8.34 0.00 8.34 0.00 8.34 0.00 8.34 0.00 8.34 0.00 8.34 0.00 B2 0.00	12 floo C2 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.08 0.00 5.19E-7 5.43E-6 3.02E-4 ing renew terials; F ndary fue terials; F ndary fue D WAS C2 0.00	C3/1 0.00	ring C3/2 0.00	C3/3 0.05 0.00 0.29 0.00 0.29 0.00 6.12E-6 6.38E-2 ergy rest of renew sources se of nor of non r ORIES C3/3 0.00	C4/1 0.10 0.00 0.10 1.87 0.00 1.50E-3 3.32E-3 7.05E-2 bources u vable pri used as n renewable c4/1 0.00	C4/2 0.05 0.00 0.05 1.68 0.00 1.68 0.00 1.63E-5 1.59E-4 8.51E-2 sed as ramary en raw mai ble prim e second C4/2 0.00	0.00 0.00 0.00 0.00 0.00 0.00E+0 0.00E+0 0.00E+0 aw mate ergy rest terials; P ary ener dary fuel C4/3 0.00	-0.45 0.00 -0.45 -2.47 0.00 -5.16E-5 -5.41E-4 -5.38E-1 rials; PE burces; I ENRM = gy resou s; FW = D/1 0.00	-2.67 0.00 -2.67 -34.10 0.00 -34.10 0.00 -4.69E-4 4.91E-3 -3.18E+0 RM = Us PENRE = = Use of n Use of n Use of n	-0.14 0.00 -0.14 -50.30 0.00 -50.30 0.00 -50.4E-4 -5.04E-4 -1.59E-1 -1.59E-1 se of = Use of non Λ = Use et fresh
Paramo PER PER PENF PENF PENF SM RSF NRS FW Captio	eter E E M T RE RE R R F I F I renee of se JLTS floord eter I D	Unit / [M.] [M.] [M.] [M.] [M.] [M.] [M.] 1 [M.] 2 [M.] 3 [m ³] 1. PERE = I wable p pecondary 0 OF The covering 0 Unit 1 [kg] 7.	A1-A3 I 14.70 0.00 14.70 14.70 14.70 14.70 14.70 14.70 14.70 14.70 51.19 12.30 0.53 3.38E-3 9 55E-2 9 55E-2 9 19E+1 9 55E-2 9 19E+1 14 10 9 10 16 LC/4 17 10 18 LC/4 19 14 10 0.00 88E+0 5	A4 0.06 0.00 0.00 0.00 1.49 0.00 1.49 0.00 5.55E-3 enewabl nergy re onergy re al; RSF A - OL A4 0.00 5.23E-3	A5 1.58 0.00 1.58 9.35 0.00 9.35 0.01 1.384 1.33E-4 0 1.39E-3 0 6.99E-1 0 e primar sources = use of JTPUT A5 0.00 3.50E-1 0	B1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00+0 0.00E+0 0.00E+0 0.00E+0 y energy used as renewat FLOW B1 0.00 0.00E+0	B2 0.56 0.00 0.56 0.00 8.34 0.00 8.34 0.00 8.34 0.00 8.34 0.00 8.34 0.00 8.34 0.00 8.37E-5 8.60E-4 9.80E-1 / exclud raw manon remeasing raw manole secon VS AN B2 0.00 5.95E-1	12 floo C2 0.00 0.00 0.00 0.00 0.08 0.00 0.08 0.00 5.19E-7 5.43E-6 3.02E-4 ing renew terials; P exable p aterials; P aterials; P ndary fue D WAS C2 0.00 2.85E-4 1	C3/1 0.00	ring C3/2 0.00	C3/3 0.05 0.00 0.29 0.00 0.29 0.00 6.12E-6 6.38E-2 ergy rest of renew sources se of nor of non r ORIES C3/3 0.00 6.50E-2	C4/1 0.10 0.00 0.10 1.87 0.00 1.87 0.00 1.50E-3 3.32E-3 7.05E-2 Durces u vable pri used as n renewale enewable C4/1 0.00 1.90E+0	C4/2 0.05 0.00 0.05 1.68 0.00 1.68 0.00 1.63E-5 1.59E-4 8.51E-2 sed as ramary en raw mai ble prim e second C4/2 0.00 5.89E-1	0.00 0.00 0.00 0.00 0.00 0.00E+0 0.00E+0 0.00E+0 aw mate ergy resisterials; P ary ener dary fuel C4/3 0.00 0.00E+0	-0.45 0.00 -0.45 -2.47 0.00 -5.16E-5 -5.41E-4 -5.38E-1 ENRM = gy resou s; FW = D/1 0.00 -5.48E-1	-2.67 0.00 -2.67 -34.10 0.00 -34.10 0.00 -4.69E4 4.91E-3 -3.18E+0 RM = Use PENRE = Use of n Use of n Use of n Use of n	-0.14 0.00 -0.14 -50.30 0.00 -50.30 0.00 -4.80E-5 -5.04E-4 -1.59E-1 se of = Use of non Λ = Use et fresh
Parama PER PER PEN PEN PEN SM RS FW Captio	eter	Unit / [M.]	A1-A3 I 14.70 0.00 14.70 14.70 14.70 14.70 14.70 14.70 14.70 14.70 51.19 12.30 0.53 3.38E-3 9 55E-2 9 55E-2 9 19E+1 9 55E-2 9 19E+1 14 10 9 10 16 LC/4 17 10 18 LC/4 19 14 10 0.00 88E+0 5	A4 0.06 0.00 0.00 0.00 1.49 0.00 1.49 0.00 5.55E-3 enewabl nergy re onergy re al; RSF A - OL A4 0.00 5.23E-3	A5 1.58 0.00 1.58 9.35 0.01 1.384 (0) 1.33E4 (0) 1.39E-1 (0) 6.99E-1 (0) 0.99E-1 (0) 9.35 0.01 1.33E-4 (0) 1.39E-3 (0) 6.99E-1 (0) 9.99E-1 (0)	B1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00+0 0.00E+0 0.00E+0 0.00E+0 y energy used as renewat FLOW B1 0.00 0.00E+0	B2 0.56 0.00 0.56 0.00 8.34 0.00 8.34 0.00 8.34 0.00 8.34 0.00 8.34 0.00 8.34 0.00 8.37E-5 8.60E-4 9.80E-1 / exclud raw manon remeasing raw manole secon VS AN B2 0.00 5.95E-1	12 floo C2 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.08 0.00 5.19E-7 5.43E-6 3.02E-4 ing renew terials; F ndary fue terials; F ndary fue D WAS C2 0.00	C3/1 0.00	ring C3/2 0.00	C3/3 0.05 0.00 0.29 0.00 0.29 0.00 6.12E-6 6.38E-2 ergy rest of renew sources se of nor of non r ORIES C3/3 0.00 6.50E-2	C4/1 0.10 0.00 0.10 1.87 0.00 1.87 0.00 1.50E-3 3.32E-3 7.05E-2 Durces u vable pri used as n renewale enewable C4/1 0.00 1.90E+0	C4/2 0.05 0.00 0.05 1.68 0.00 1.68 0.00 1.63E-5 1.59E-4 8.51E-2 sed as ramary en raw mai ble prim e second C4/2 0.00 5.89E-1	0.00 0.00 0.00 0.00 0.00 0.00E+0 0.00E+0 0.00E+0 aw mate ergy resisterials; P ary ener dary fuel C4/3 0.00 0.00E+0	-0.45 0.00 -0.45 -2.47 0.00 -5.16E-5 -5.41E-4 -5.38E-1 ENRM = gy resou s; FW = D/1 0.00 -5.48E-1	-2.67 0.00 -2.67 -34.10 0.00 -34.10 0.00 -4.69E4 4.91E-3 -3.18E+0 RM = Use PENRE = Use of n Use of n Use of n Use of n	-0.14 0.00 -0.14 -50.30 0.00 -50.30 0.00 -4.80E-5 -5.04E-4 -1.59E-1 se of = Use of non Λ = Use et fresh
Paramo PER PER PENF PENF PENF SM RSF NRS FW Captio	eter	Unit / [M.] [M.] [M.] [M.] [M.] [M.] [M.] 2 [M.] 3 [m.] 1. PERE = I wable proor renewable pecondary OF The covering the secondary 0 OF Unit 1 [kg] [kg] [kg] 7. [kg] 7. [kg] 5.	A1-A3 A1-A3 14.70 0.00 14.70 14.70 0.00 14.70 14.70 51.19 523.00 0.53 .38E-3 9 .55E-2 9 19E+1 55E-2 Use of re- rimary er wable p wable p rimary er wable p materia IE LC/ NO 88E+0 .21E-3 1 0.00 0.07	A4 0.06 0.00 0.06 1.49 0.00 1.49 0.00 1.49 0.00 3.55E-6 0.98E-5 5.55E-3 energy reprimary emergy emergy reprimary emergy reprimary emergy eme	A5 1.58 0.00 1.58 0.00 1.58 9.35 0.00 9.35 0.01 1.382.4 1.33E-4 0 1.33E-4 0 63.99E-1 0 e primar sources sources = Use of JTPUT A5 0.00 3.50E-1 2.06E-4 0	B1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00+0 0.00E+0 0.00E+0 0.00 0.00 0.00 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00 0.00	B2 0.56 0.00 0.56 8.34 0.00 8.34 0.00 8.37E-5 8.60E-4 9.80E-1 7 exclud raw ma pole seco VS AN B2 0.00 5.95E-1 3.83E-4 0.00 0.00 0.00	Description Description 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 5.19E-7 5.43E-6 3.02E-4 ing renew terials; P exaterials; F ndary fue D WAS C2 0.00 2.85E-4 1.06E-7 0.00 0.00	C3/1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 C3/1 0.00 0.00E+	C3/2 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00E+0 0.00	C3/3 0.05 0.00 0.05 0.29 0.00 0.29 0.00 0.29 0.00 6.12E-6 6.41E-5 6.41E-5 6.38E-2 ergy ress of renew sources se of nor of non r ORIES C3/3 0.00 6.50E-2 4.23E-5 0.00 0.00	C4/1 0.10 0.00 0.10 1.87 0.00 1.50E-3 3.32E-3 7.05E-2 DURCES U vable pri used as n renewa enewable C4/1 0.00 1.90E+0 3.37E-5 0.00 0.00	C4/2 0.05 0.00 0.05 1.68 0.00 1.68 0.00 1.63E-5 1.59E-4 8.51E-2 sed as ramary en raw mai ble prim e second C4/2 0.00 5.89E-1 7.85E-5 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00E+0 0.00E+0 0.00E+0 0.00E+0 dary fuel C4/3 0.00 0.00E+0 0.00E+0 0.00E+0 0.000	-0.45 0.00 -0.45 -2.47 0.00 -2.47 0.00 -5.16E-5 -5.41E-4 -5.38E-1 rials; PE purces; P PURM = gy resou s; FW = D/1 0.00 -5.48E-1 -3.57E-4 0.00	-2.67 0.00 -2.67 -34.10 0.00 -34.10 0.00 -4.69E4 -4.91E-3 3.18E+0 RM = Us PENRE = e Use of n Use of n Use of n Use of n Use of n	-0.14 0.00 -0.14 -50.30 0.00 -50.30 0.00 -50.32 -5.04E-4 -1.59E-1 se of = Use of non Λ = Use of non Λ = Use et fresh D/3 0.00 -4.23E+1 -8.96E-5 0.00 0.
Paramo PER PER PENF PENF SM RSF NRS FW Captio	eter	Unit / [M.] [M.] [M.] [M.] [M.] 1 [M.] 2 [M.] 3 [M.] 3 <td>A1-A3 14.70 0.00 14.70 0.70 14.70 14.70 14.70 14.70 14.70 14.70 14.70 51.19 223.00 0.53 .38E-3 .55E-2 19E+1 Use of retrimary envelop trimary envelop trinary envelop trimary envelop trinary envelop trinary en</td> <td>A4 0.06 0.00 0.00 0.00 1.49 0.00 1.49 0.00 3.53E-6 9.98E-5 5.55E-3 6.55E-3 1.85E-6 0.00 2.32E-3 1.95E-6 0.00 0.00 0.00 0.00 0.00</td> <td>A5 1.58 0.00 1.58 9.35 0.00 9.35 0.01 1.38E-4 (1.39E-3 (0.3.59E-1 (0.00 1.3.50E-1 (0.00 1.3.50E-1 (0.00 0.13 0.00 1.3 0.00</td> <td>B1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00+0 0.00+0 0.00+0 0.00+0 0.00+0 0.00+0 0.00+0 0.00+0 0.00 0.00</td> <td>B2 0.56 0.00 0.56 8.34 0.00 8.34 0.00 8.37E-5 8.60E-4 7 exclud raw ma plase-1 7 exclud 0.00</td> <td>P2 floo C2 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 5.19E-7 5.43E-6 3.02E-4 ing renew terials; P ewable p aterials; F ndary fue C2 0.00 2.85E-4 1.06E-7 0.00 0.00 0.00</td> <td>C3/1 0.00</td> <td>ring C3/2 0.00</td> <td>C3/3 0.05 0.00 0.29 0.00 0.29 0.00 0.29 0.00 6.12E-6 6.38E-2 6.38E-2 ergy ress of renews sources se of nor of non r ORIES C3/3 0.00 6.00 0.00 0.00 0.00 0.00 0.29 0.00 0.72 0.00 0.00 0.00 0.29 0.00 0.00 0.00 0.29 0.00</td> <td>C4/1 0.10 0.00 0.10 1.87 0.00 1.87 0.00 1.50E-3 3.32E-3 7.05E-2 Durces u vable pri used as n renewa enewable C4/1 0.00 1.90E+0 3.37E-5 0.00 0.00 0.00</td> <td>C4/2 0.05 0.00 0.05 1.68 0.00 1.68 0.00 1.68 0.00 1.68 5.159E-4 8.51E-2 sed as ramary en raw maible prim e second C4/2 0.00 5.89E-1 7.85E-5 0.00 0.00 0.00</td> <td>0.00 0.00 0.00 0.00 0.00 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.000</td> <td>-0.45 0.00 -0.45 -2.47 0.00 -2.47 0.00 -5.16E-5 -5.41E-4 -5.38E-1 rials; PE purces; ENRM = gy resot s; FW = D/1 0.00 -5.48E-1 -3.57E-4 0.00 0.00 0.00</td> <td>-2.67 0.00 -2.67 -34.10 0.00 -34.10 0.00 -3.4.10 0.00 -3.18E+0 RM = Us PENRE = Use of n Use of n Use of n D/2 0.00 -3.25E+0 -2.11E-3 0.00 0.00 0.00</td> <td>-0.14 0.00 -0.14 -50.30 0.00 -50.30 0.00 -50.30 -50.4E-4 -1.59E-1 30 -5.04E-4 -1.59E-1 30 -5.04E-4 -1.59E-1 30 -5.04E-4 -1.59E-1</td>	A1-A3 14.70 0.00 14.70 0.70 14.70 14.70 14.70 14.70 14.70 14.70 14.70 51.19 223.00 0.53 .38E-3 .55E-2 19E+1 Use of retrimary envelop trimary envelop trinary envelop trimary envelop trinary envelop trinary en	A4 0.06 0.00 0.00 0.00 1.49 0.00 1.49 0.00 3.53E-6 9.98E-5 5.55E-3 6.55E-3 1.85E-6 0.00 2.32E-3 1.95E-6 0.00 0.00 0.00 0.00 0.00	A5 1.58 0.00 1.58 9.35 0.00 9.35 0.01 1.38E-4 (1.39E-3 (0.3.59E-1 (0.00 1.3.50E-1 (0.00 1.3.50E-1 (0.00 0.13 0.00 1.3 0.00	B1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00+0 0.00+0 0.00+0 0.00+0 0.00+0 0.00+0 0.00+0 0.00+0 0.00 0.00	B2 0.56 0.00 0.56 8.34 0.00 8.34 0.00 8.37E-5 8.60E-4 7 exclud raw ma plase-1 7 exclud 0.00	P2 floo C2 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 5.19E-7 5.43E-6 3.02E-4 ing renew terials; P ewable p aterials; F ndary fue C2 0.00 2.85E-4 1.06E-7 0.00 0.00 0.00	C3/1 0.00	ring C3/2 0.00	C3/3 0.05 0.00 0.29 0.00 0.29 0.00 0.29 0.00 6.12E-6 6.38E-2 6.38E-2 ergy ress of renews sources se of nor of non r ORIES C3/3 0.00 6.00 0.00 0.00 0.00 0.00 0.29 0.00 0.72 0.00 0.00 0.00 0.29 0.00 0.00 0.00 0.29 0.00	C4/1 0.10 0.00 0.10 1.87 0.00 1.87 0.00 1.50E-3 3.32E-3 7.05E-2 Durces u vable pri used as n renewa enewable C4/1 0.00 1.90E+0 3.37E-5 0.00 0.00 0.00	C4/2 0.05 0.00 0.05 1.68 0.00 1.68 0.00 1.68 0.00 1.68 5.159E-4 8.51E-2 sed as ramary en raw maible prim e second C4/2 0.00 5.89E-1 7.85E-5 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.000	-0.45 0.00 -0.45 -2.47 0.00 -2.47 0.00 -5.16E-5 -5.41E-4 -5.38E-1 rials; PE purces; ENRM = gy resot s; FW = D/1 0.00 -5.48E-1 -3.57E-4 0.00 0.00 0.00	-2.67 0.00 -2.67 -34.10 0.00 -34.10 0.00 -3.4.10 0.00 -3.18E+0 RM = Us PENRE = Use of n Use of n Use of n D/2 0.00 -3.25E+0 -2.11E-3 0.00 0.00 0.00	-0.14 0.00 -0.14 -50.30 0.00 -50.30 0.00 -50.30 -50.4E-4 -1.59E-1 30 -5.04E-4 -1.59E-1 30 -5.04E-4 -1.59E-1 30 -5.04E-4 -1.59E-1
Paramo PER PER PEN PENF SM RSF NRS FW Captio	eter I E I M I T I RE I Image: Registration of the second	Unit / [M.]	A1-A3 I 14.70 0.00 14.70 14.70 14.70 17.81 51.19 223.00 0.53 3 3.38E-3 9 .55E-2 9 .19E+1 5 Use of retrimary etation 19E+1 wable p rimary etation materia 19E+1 IE LC/ Ng 41-A3 0.00 .88E+0 .21E-3 1 0.00 .0.17 0.00 0.00	A4 0.06 0.00 0.00 0.00 1.49 0.00 1.49 0.00 3.53E-6 9.98E-5 5.55E-3 enewabl nergy re nergy re nergy re nimary e nergy re nimary e nergy re 1, RSF A - OL A4 0.00 5.23E-3 .95E-6 0.00 0.00 0.00 0.00 0.00	A5 1.58 0.00 1.58 9.35 0.01 1.384.0 1.33E-4 1.33E-4 1.39E-1 0.999E-1 0.00 0.3.50E-1 0.00 0.13 0.00 0.13 0.00 0.18	B1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00+0 0.00E+0 0.00E+0 0.00E+0 y energy B1 0.00 0.00E+0 0.00E+0 0.00E+0 0.00 0.00 0.00	B2 0.56 0.00 0.56 0.00 8.34 0.00 8.34 0.00 8.34 0.00 8.34 0.00 8.34 0.00 8.34 0.00 7 exclud raw manon remember away manole second VS AN B2 0.00 5.95E-1 3.83E-4 0.00 0.00 0.00	C2 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 5.19E-7 5.43E-6 3.02E-4 1.03E-7 0.00 2.85E-4 1.06E-7 0.00 0.00 0.00 0.00	C3/1 0.00	ring C3/2 0.00	C3/3 0.05 0.00 0.05 0.29 0.00 0.29 0.00 0.29 0.00 0.29 0.00 6.12E-6 6.38E-2 ergy rest of renev sources se of nor of ron r ORIES C3/3 0.00 6.50E-2 4.23E-5 0.00 0.00 0.00 0.00	C4/1 0.10 0.00 0.10 1.87 0.00 1.87 0.00 1.50E-3 3.32E-3 7.05E-2 0.00 vable pri used as n renewable cenewable cenewab	C4/2 0.05 0.00 0.05 1.68 0.00 1.68 0.00 1.68 0.00 1.63E-5 1.59E-4 8.51E-2 sed as ramary en raw mai ble prim e second C4/2 0.00 5.89E-1 7.85E-5 0.00 0.00 5.99	0.00 0.00 0.00 0.00 0.00 0.00E+0 0.00E+0 0.00E+0 0.00E+0 aw mate ergy rest terials; P ary ener dary fuel C4/3 0.00 0.00E+0 0.00E+0 0.000 0.00 0.00	-0.45 0.00 -0.45 -2.47 0.00 -5.16E-5 -5.41E-4 -5.38E-1 rials; PE purces; ENRM = gy resot s; FW = D/1 0.00 -5.48E-1 -3.57E-4 0.00 0.00 0.00 0.00 0.00	-2.67 0.00 -2.67 -34.10 0.00 -34.10 0.00 -4.69E-4 -4.91E-3 -3.18E+0 RM = Us PENRE = Use of n Use of n Use of n Use of n Use of n -2.11E-3 0.00 0.00 0.00 0.00	-0.14 0.00 -0.14 -50.30 0.00 -50.30 0.00 -50.32 -5.04E-4 -1.59E-1 ise of = Use of non A = Use et fresh D/3 0.00 -4.23E+1 -8.96E-5 0.00 0.00 0.00 0.00 0.00 0.00
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The declared result figures in module B2 have to be multiplied by the assumed service time (in years) of the floor covering in the building considered.

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