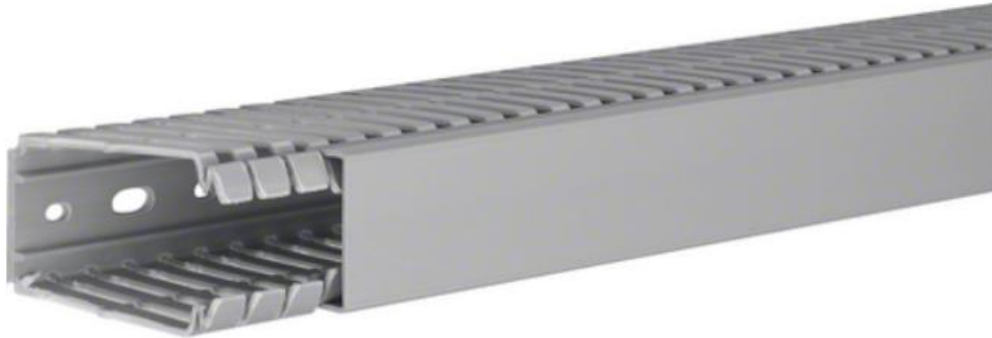


## Product Environmental Profile

### Slotted cable trunking system BA7 and BA7A



#### Company information

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#### References covered

All dimensions and colors (grey and blue) of BA7 and BA7A Slotted cable trunking. The systems are built according to PSR rules for that category of products, considering a specific trunking length of 1,1m. Below the list of the slotted cable trunking systems covered by this PEP: BA7A 60x25, BA7 100x100, BA7 100x60, BA7 100x80, BA7 25x25, BA7 25x40, BA7 40x100, BA7 40x25, BA7 40x40, BA7 40x60, BA7 40x80, BA7 60x25, BA7 60x40, BA7 60x60, BA7 60x80, BA7 80x100, BA7 80x120, BA7 80x25, BA7 80x40, BA7 80x60, BA7 80x80, BA7 cover width 100, BA7 cover width 120, BA7 cover width 25, BA7 cover width 30, BA7 cover width 40, BA7 cover width 60, BA7 cover width 80, BA7A 100x100, BA7A 100x30, BA7A 100x40, BA7A 100x60, BA7A 100x80, BA7A 25x25, BA7A 25x40, BA7A 25x80, BA7A 40x100, BA7A 40x25, BA7A 40x30, BA7A 40x40, BA7A 40x60, BA7A 40x80, BA7A 60x100, BA7A 60x120, BA7A 60x25, BA7A 60x30, BA7A 60x40, BA7A 60x60, BA7A 60x80, BA7A 80x100, BA7A 80x120, BA7A 80x25, BA7A 80x30, BA7A 80x40, BA7A 80x60, BA7A 80x80

#### Methodology

PEP has been performed according to the PCR version PEP-PCR-ed4-2021 09 06 and PSR version PSR-0003-ed2.1-2023 12 08 issued by the PEP ecopassport program. For further information, please see the website of the program [www.pep-ecopassport.org](http://www.pep-ecopassport.org)

#### Reference product

##### Reference product identification

Slotted cable trunking system BA7 80x40 (trunking length BA780040 associated with PSR specific rules for that product category)

##### Use scenario based on :

**PSR product Category : PSR-0003-ed2.1-2023 12 08**

Cable management systems - Slotted cable trunking systems for cabinets

#### Functional unit

Accommodate and protect the wiring along 1 metre for a Reference Service Life of the product of 20 years. Slotted cable trunking systems for cabinets with cross-section 2498 mm<sup>2</sup> include the profile (base and cover) representative of standard use.

The functional unit is based on the use scenario recommended by the PCR for the category of the reference product.

## Materials and substances

All useful measures have been adopted to ensure that the materials used in the composition of the product do not contain any substances banned by the legislation in force at the time of marketing.

Plastics			Metals			Others		
	g	%		g	%		g	%
PVC	678.02	86.6%	Calcium	0.09	<0.1%	Cardboard	79.93	10.2%
PE-LD	3.73	0.5%	Silicon	0.05	<0.1%	Wood	18.65	2.4%
PE-HD	2.15	0.3%	Zinc	0.04	<0.1%	Paper	0.60	<0.1%
						Other	0.08	<0.1%
Total mass of reference product with raw material packaging :			783.33 g					
Total mass of reference product (Product + packaging)			746.03 g					

## System Boundaries

The environmental information included in the PEP covers all the stages of the life cycle, from "cradle to grave".

Manufacturing			Distribution	Installation	Use							End of life			Module D	
Raw material extraction and processing	Transport to the manufacturer	Manufacturing	Distribution to the place of operation	Installation on the place of operation	Use or application of the product installed	Maintenance	Repair	Replacement	Restoration	Energy requirements during the use stage	Water requirements during the use stage	Deinstallation	Transport to the waste treatment site	Treatment of waste in view of its reuse, recovery and/or recycling	Disposal	Benefits and loads beyond the system boundaries
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Life cycle stages																

## Manufacturing

These products are manufactured by a site that has received an environmental certification ISO 14001.

This phase takes into account raw materials, manufacturing processes, production offcuts and their end-of-life treatment, upstream transport of materials and sub-assemblies to the manufacturing site, and transport from the manufacturing site to the final logistics platform.

## Distribution

The packaging has been designed in accordance with current regulations. In particular, the European directive 94/62/CE relative to packaging and packaging waste.

The used packaging is 100% recyclable or recoverable. Packaging and logistic flows are continuously improved in order to reduce their impact.

This phase taken into account the transport of the finished product, including packaging, to its place of use.

## Installation

### Installation processes

The processes to install the product are not considered in this study because of their weak impact compared to the other life cycles steps.

This phase only take into account the impact of the packaging waste treatment, and the impact of the product waste treatment generated during the installation phase as specified in the applicable rules for this product category (10% profile losses during installation).

### Installation elements (non delivered with the product)

Elements non delivered with the product and needed to install the product are not considered.

## Use

Power loss / load dependent			
Active mode		Inactive mode	
Watt	% of time	Watt	% of time
0	0.0%	0	100.0%

Power consumption / not load dependent					
Active Sleep phase		Passive Sleep phase		Turn off phase	
Watt	% of time	Watt	% of time	Watt	% of time
0	0.0%	0	0.0%	0	100.0%

This corresponds to a total energy consumption of 0.00 kWh for the use span of 20 years.

### Energy model of the use phase :

-

### Consumables and maintenance :

None

## End of life

Considering the complexity of the recycling channels for electric and electronic equipment impacts, we rely mainly on ESR modules (datasets for WEEE product end of life).

The recycling potential of the product is: 6%. The calculation of this rate is based on the method of the IEC/TR 62635.

## Environmental impacts

Evaluation of the environmental impact covers the following life cycle stages: raw materials + manufacturing (RMM), distribution (D), installation (I), use (U) and end of life (EoL).

All calculations are done with EIME software version 6.3.2-4 with the database version CODDE-2025-04 .

Indicators set : Indicators for PEF EF 3.1 (Compliance: PEP ed.4, EN15804+A2) v2.0

PEP representative of the covered products marketed in: Europe

Energy models considered for each phase

Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4
Europe	-	Europe	-	Europe

### Environmental impact indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Acidification (PEF-AP)	mole H+ eq.	2.40E-02	1.89E-04	3.73E-04	0.00E+00	1.47E-03	2.60E-02	0.00E+00
Climate change - Total (PEF-GWP)	kg CO2 eq.	4.29E+00	1.19E-01	2.46E-01	0.00E+00	6.80E-01	5.33E+00	0.00E+00
Climate change-Biogenic (PEF-GWPb)	kg CO2 eq.	6.97E-02	4.89E-07	1.51E-01	0.00E+00	4.45E-01	6.66E-01	0.00E+00
Climate change-Fossil (PEF-GWPF)	kg CO2 eq.	4.22E+00	1.19E-01	9.49E-02	0.00E+00	2.36E-01	4.67E+00	0.00E+00
Climate change-Land use and land use change (PEF-GWPlu)	kg CO2 eq.	1.54E-07	1.81E-07	1.19E-09	0.00E+00	6.63E-09	3.42E-07	0.00E+00
Ecotoxicity, freshwater (PEF-CTUe)	CTUe	2.65E+01	3.48E+00	1.66E+00	0.00E+00	6.50E+00	3.82E+01	0.00E+00
EF-particulate Matter (PEF-PM)	Incidence of diseases	1.52E-07	1.62E-09	2.34E-09	0.00E+00	1.01E-08	1.66E-07	0.00E+00
Eutrophication, freshwater (PEF-Epf)	kg P eq.	4.74E-05	4.46E-07	1.01E-06	0.00E+00	2.79E-07	4.91E-05	0.00E+00
Eutrophication, marine (PEF-Epm)	kg N eq.	3.09E-03	3.42E-05	1.28E-04	0.00E+00	3.58E-04	3.61E-03	0.00E+00
Eutrophication, terrestrial (PEF-Ept)	mole of N eq.	4.29E-02	3.75E-04	1.16E-03	0.00E+00	4.79E-03	4.92E-02	0.00E+00
Human toxicity, cancer (PEF-CTUh-c)	CTUh	5.57E-07	2.34E-11	7.87E-09	0.00E+00	8.15E-11	5.65E-07	0.00E+00
Human toxicity, non-cancer (PEF-CTUh-nc)	CTUh	3.55E-08	4.46E-10	4.56E-10	0.00E+00	2.38E-09	3.88E-08	0.00E+00
Ionising radiation, human health (PEF-IR)	kg Bq U235 eq.	2.15E+00	4.23E-03	1.91E-02	0.00E+00	8.84E-02	2.26E+00	0.00E+00
Land use (PEF-LU)	No dimension	8.90E-01	5.11E-04	7.53E-04	0.00E+00	5.16E-03	8.97E-01	0.00E+00
Ozone depletion (PEF-ODP)	kg CFC-11 eq.	5.79E-07	1.45E-09	1.99E-09	0.00E+00	9.43E-09	5.92E-07	0.00E+00
Photochemical ozone formation - human health (PEF-POCP)	kg of NMVOC eq.	1.03E-02	1.21E-04	2.55E-04	0.00E+00	1.00E-03	1.17E-02	0.00E+00
Resource use, fossils (PEF-ADPF)	MJ	8.99E+01	2.12E+00	1.18E+00	0.00E+00	4.39E+00	9.76E+01	0.00E+00
Resource use, minerals and metals (PEF-ADPe)	kg Sb eq.	1.01E-06	4.26E-08	7.33E-09	0.00E+00	3.57E-08	1.10E-06	0.00E+00
Water use (PEF-WU)	m3 eq.	2.06E+00	4.30E-03	7.62E-03	0.00E+00	1.41E-02	2.09E+00	0.00E+00

### Resource use indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Net use of fresh water	m3	4.81E-02	1.00E-04	5.09E-04	0.00E+00	3.24E-04	4.90E-02	0.00E+00
Total primary energy	MJ	1.08E+02	2.13E+00	1.31E+00	0.00E+00	4.77E+00	1.16E+02	0.00E+00
Total non renewable primary energy	MJ	8.99E+01	2.12E+00	1.18E+00	0.00E+00	4.39E+00	9.76E+01	0.00E+00
Total renewable primary energy	MJ	1.83E+01	6.69E-03	1.37E-01	0.00E+00	3.83E-01	1.88E+01	0.00E+00
Non renewable primary energy used as energy	MJ	7.61E+01	2.12E+00	1.18E+00	0.00E+00	4.39E+00	8.38E+01	0.00E+00
Non renewable primary energy used as raw material	MJ	1.38E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+01	0.00E+00
Use of non renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Renewable primary energy used as energy	MJ	1.65E+01	6.69E-03	1.37E-01	0.00E+00	3.83E-01	1.70E+01	0.00E+00
Renewable primary energy used as raw material	MJ	1.79E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+00	0.00E+00
Use of renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use of secondary material	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Waste category indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Hazardous waste disposed	kg	1.19E-01	5.00E-04	2.83E-02	0.00E+00	2.43E-01	3.91E-01	0.00E+00
Non hazardous waste disposed	kg	5.41E-01	1.11E-02	2.38E-02	0.00E+00	3.24E-02	6.08E-01	0.00E+00
Radioactive waste disposed	kg	8.52E-05	8.78E-06	6.03E-06	0.00E+00	1.34E-05	1.13E-04	0.00E+00

Output flow indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Components for re-use	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Materials for energy recovery	kg	8.51E-03	0.00E+00	5.90E-03	0.00E+00	1.35E-05	1.44E-02	0.00E+00
Materials for recycling	kg	1.95E-02	0.00E+00	5.38E-02	0.00E+00	1.23E-04	7.34E-02	0.00E+00

Biogenic carbon content

Packaging	Unit	Cardboard	Paper	Wood	Sum
Biogenic carbon content (ratio)	%	2.80E+01	3.78E+01	3.95E+01	
Mass	kg	7.99E-02	5.96E-04	1.87E-02	9.92E-02
Biogenic carbon content (declared unit)	kg of C	2.24E-02	2.25E-04	7.37E-03	3.00E-02
Biogenic carbon content (functional unit)	kg of C	2.24E-02	2.25E-04	7.37E-03	3.00E-02
Source		ADEME	APESA/RECORD	EN 16485	

Product	Unit	Cardboard	Paper	Wood	Sum
Mass	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic carbon content (declared unit)	kg of C	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic carbon content (functional unit)	kg of C	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Extrapolation rules

The environmental impact of a system covered by the PEP ecopassport other than the reference system for which it was drawn up can be calculated by multiplying the values of the environmental indicators by the corresponding factor for each stage of the life cycle and the total life cycle.

Product description	Reference	Base	Cover	Factor
BA7A 80x30	BA7A80030	x	x	0.6
BA7A 60x25	BA7A60025	x	x	0.5
BA7A 100x40	BA7A100040	x	x	1.1
BA7A 25x80	BA7A25080	x	x	0.6
BA7A 25x25	BA7A25025	x	x	0.4
BA7A 80x60	BA7A80060	x	x	1.1
BA7A 80x120	BA7A80120	x	x	1.8
BA7A 60x100	BA7A60100	x	x	1.3
BA7A 40x60	BA7A40060	x	x	0.8
BA7A 60x80	BA7A60080	x	x	1.1
BA7A 100x100	BA7A100100	x	x	2.1
BA7A 80x40	BA7A80040	x	x	0.8
BA7A 40x80	BA7A40080	x	x	0.9
BA7A 80x25	BA7A80025	x	x	0.6
BA7A 100x60	BA7A100060	x	x	1.4
BA7A 60x60	BA7A60060	x	x	0.9
BA7A 80x80	BA7A80080	x	x	1.2
BA7A 40x30	BA7A40030	x	x	0.5
BA7A 40x25	BA7A40025	x	x	0.4
BA7A 80x100	BA7A80100	x	x	1.5
BA7A 100x80	BA7A100080	x	x	1.7
BA7A 40x40	BA7A40040	x	x	0.6
BA7A 100x30	BA7A100030	x	x	0.9
BA7A 40x100	BA7A40100	x	x	1.1
BA7A 60x30	BA7A60030	x	x	0.6
BA7A 60x40	BA7A60040	x	x	0.7
BA7A 25x40	BA7A25040	x	x	0.5
<b>BA7 80x40*</b>	<b>BA780040*</b>	<b>x</b>	<b>x</b>	<b>1.0</b>

Product description	Reference	Base	Cover	Factor
BA7A 60x120	BA7A60120	x	x	1.7
BA7A 60x25	BA7A60025	x	x	0.5
BA7 cover width 120	BA71202		x	0.6
BA7 cover width 80	BA70802		x	0.4
BA7 cover width 40	BA70402K		x	0.2
BA7 60x60	BA760060	x	x	1.2
BA7 60x40	BA760040	x	x	0.9
BA7 60x25	BA760025	x	x	0.7
BA7 40x25	BA740025	x	x	0.5
BA7 100x80	BA7100080	x	x	1.3
BA7 80x60	BA780060	x	x	1.3
BA7 80x25	BA780025	x	x	0.8
BA7 80x120	BA780120	x	x	2.1
BA7 cover width 25	BA70252K		x	0.1
BA7 cover width 100	BA71002		x	0.5
BA7 cover width 60	BA70602		x	0.4
BA7 80x80	BA780080	x	x	1.6
BA7 25x40	BA725040	x	x	0.5
BA7 80x100	BA780100	x	x	1.9
BA7 25x25	BA725025	x	x	0.4
BA7 100x100	BA7100100	x	x	2.3
BA7 40x60	BA740060	x	x	0.8
BA7 100x60	BA7100060	x	x	1.7
BA7 60x80	BA760080	x	x	1.3
BA7 40x100	BA740100	x	x	1.5
BA7 40x40	BA740040	x	x	0.7
BA7 40x80	BA740080	x	x	1.2

\*reference product

Verification

Registration N°: HAGE-00451-V02.01-EN	Drafting Rules	PEP-PCR-ed4-2021 09 06
	Supplemented by	PSR-0003-ed2.1-2023 12 08
Verifier accreditation N°: VH35	Information and reference documents: www.pep-ecopassport.org	
Date of issue: 11-2025	Validity period:	5 years
Independent verification of the declaration and data, in compliance with ISO 14025 : 2006		
Internal • External ○		
The PCR review was conducted by a panel of experts chaired by Julie Orgelet (DDemain)		
PEPs are compliant with XP C08-100-1:2016 or EN 50693:2019		
The elements of the present PEP cannot be compared with elements from another program.		
Document in compliance with ISO 14025 : 2006 « Environmental labels and declarations. Type III environmental declarations »		



Nota :

The picture has no contractual value.

All numerical values indicated in this document may vary and depend of many factors such as the tolerance related to materials, the usage and environment conditions of the products, installation characteristics ... , real values for a product in a concrete application may therefore change.

The usage time mentioned in this document is an average duration chosen for the need of the calculations. This value cannot be assimilated to the minimum, average or real life time.

The responsibility of the company, issuing this document, can never be engaged if differences would be noticed between the values given by this document and real ones, whatever the causes and/or consequences would be.