

ABB WIRING ACCESSORIES, FINLAND, 1 FEBURARY 2021

# Building product declaration

## Byggvarudeklaration

ABB Document ID:	2TVD100412
Document creation date:	23.4.2021
Product group description:	Flush mounting box, AU60.10

### Revision

Modified (Date)	User (Name)	Changes done
17.3.2022	Ella Helynranta	Material content updated overall, and the overall declaration content updated according to Byggvarubedömningen's criteria version 6

### Supplier/Manufacturer information

Supplier:	ABB Wiring Accessories
VAT-number:	FI07634030
Contact person:	Ella Helynranta
Address:	Porvoon Sisäkehä 2, 06100, Porvoo, Finland
E-mail:	<a href="mailto:ella.helynranta@fi.abb.com">ella.helynranta@fi.abb.com</a>
Phone number:	+358503359482
Company website:	<a href="http://www.installationmaterials.com">http://www.installationmaterials.com</a>

The company possesses certification in compliance with:

ISO 9001

ISO 14001

### Appendix:

Appendix I: Product list

For more information please contact:

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## Supporting documents

- Declaration of conformity** covering the RoHS-directive (2011/65/EU).
- Environmental product declaration** in accordance with ISO 14025 and EN 15804.
- Declaration of performance** in line with European Construction Products Regulation (EU) no 305/2011

## Product information

Products/articles included in this declaration are listed in Appendix I: Product list.

- |  |   |  |
|--|---|--|
| Type of product  | <input checked="" type="checkbox"/> Article | <input type="checkbox"/> Chemical      |
| Do the products contain at least 2% wood?  | <input type="checkbox"/> Yes                | <input checked="" type="checkbox"/> No |
| Do the products contain electronics and/or cables?   | <input type="checkbox"/> Yes                | <input checked="" type="checkbox"/> No |
| Do the products belong to a product group with requirements for energy labelling?  | <input type="checkbox"/> Yes                | <input checked="" type="checkbox"/> No |
| Do the products contain plastic and/or rubber details in contact with skin?  | <input type="checkbox"/> Yes                | <input checked="" type="checkbox"/> No |
| Is the chemical composition different, for the products when applied (cured product) compared to the content at delivery?  | <input type="checkbox"/> Yes                | <input checked="" type="checkbox"/> No |
| Are the products in compliance with RoHS-Directive 2011/65/EU?   | <input checked="" type="checkbox"/> Yes     | <input type="checkbox"/> No            |
| Are the products covered by an exemption according to RoHS-directive (2011/65/EU)?   | <input type="checkbox"/> Yes                | <input checked="" type="checkbox"/> No |
| Does the product or any of its subcomponents contain so called Substances of Very High Concern (SVHC), which are included in the Candidate List at a concentration $\geq 0.1$ weight%? | <input type="checkbox"/> Yes                | <input type="checkbox"/> No            |
| <i>Date of control of the Candidate list:</i>  |   |  |
| Are the products in compliance with REACH Regulation (EC) No 1907/2006?  | <input checked="" type="checkbox"/> Yes     | <input type="checkbox"/> No            |
| <i>ABB Wiring Accessories has a process in place to ensure compliance with the legal requirements.</i>   |   |  |

## Declaration of contents

### Byggarubedömningen

The data and declaration of contents provided in this Building product declaration is in accordance with Byggarubedömningen's guidelines and declaration/information requirements for assessment (to the Recommended level) of product, Version 2016-1.

### SundaHus

The data and declaration of contents provided in this Building product declaration is in accordance with SundaHus Environmental data guidelines and declaration/information requirements for assessment of product, Bedömningskriterier 6.1.4.

### Nordic Swan ecolabel

The data and declaration of contents provided in this Building product declaration is in accordance with Nordic Ecolabelling guidelines and declaration/information requirements for assessment of product, Version 3.7 • 09 March 2016 – 31 December 2022.

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Table 1. Contents of included substances and material in declared products/articles, on delivery. (Declaration of content in accordance with requirements)

Included material	Constituent substances	EG No. /CAS No.	Weight-% (of the product)	Comments (state any application of non-harmonized classifications)
<b>Polypropylene, PP GF</b>		9003-07-0	58,98-59,05%	Halogen free
	Glass fiber	65997-17-3	12,97-12,99%	
	Amino phosphate		5,90-5,91%	
<b>Polyamide 6 GF25</b>		25038-54-4	15,42-15,44%	Halogen free
	Glass fiber	65997-17-3	3,85-3,86%	
	Carbon Black	1333-86-4	<0,46%	
<b>Polypropylene, PP</b>			9,05-9,06%	Halogen free
	Calcium carbonate	1317-65-3	3,62%	
<b>Polycarbonate, PC</b>			7,05-7,06%	Halogen free
<b>Recycled Polypropylene, PP</b>		9003-07-0	5,30%	Halogen free
<b>LDPE</b>		9002-88-4	1,63%	Halogen free
<b>Red pigment</b>			<1,12%	Pigment mix bonded in PE
<b>Blue pigment</b>			<0,90%	Mixture of colorants in PE
<b>Green pigment</b>			<0,24%	Mixture of colorants in a universal carrier
<b>Cold rolled hard steel</b>		Full hard 800	0,93%	
	Iron	7439-89-6	0,57%	
	Manganese	7439-96-5	0,18%	
	Carbon	7440-44-0	0,11%	
	Aluminium	7429-90-5	0,04%	
	Phosphorus	7723-14-0	0,05%	
	Sulfur	7704-34-9	0,05%	
	Zinc	7440-66-6	0,01%	
<b>Carbon steel</b>		Grade 10.8	0,24%	
	Iron	7439-89-6	0,09-0,18%	
	Carbon	7440-44-0	0,05-0,13%	
	Phosphorus	7723-14-0	0,01%	
	Sulfur	7704-34-9	0,01%	
	Zinc	7440-66-6	0,01%	
	Boron	7440-42-8	<0,001%	
<b>PLSK</b>			0-0,13%	

Table 2. Please declare if the product(s) contain the following substance group/substance

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Arsenic and its compounds	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Brominated flame retardants	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
PFOA (perfluorooctanoic acids)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
PFOS (perfluorooctane sulfonate)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Organotin compounds	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Biocidal product applied on products (surface treatments) to provide a disinfectant or anti-bacterial effect.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Medium chain chlorinated paraffins (C14-C17)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

### Nanomaterials

Does the product contain any nanomaterial that has been purposefully added to achieve a specific function?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>If yes, specify the material.</i>		

### Recycling

Does the product contain any recycled material?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<i>If Yes, specify in the material in Table 3.</i>		

Table 3. List of recycled material included in the product.

Material	Percentage (%) <i>of the recycled material that has not reached the consumer level, such as production waste, etc. (pre-consumer)</i>	Percentage (%) <i>of the recycled material that has reached the consumer level (post-consumer)</i>	Comments
Recycled Polypropylene, PP		100%	

### Production

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## Energy efficiency

<b>Has an active effort been taken to minimize the energy consumption in production?</b>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<i>If yes, describe the type of efforts made:</i>	<i>ABB WA conducts an ongoing optimization of production in order to minimize energy consumption.</i>	

<b>Has an active choice been made, regarding the electricity supplier, in order to promote electricity production from renewable energy sources?</b>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<i>Describe the type of energy source, percentage of energy stemming from the renewable source, how long the agreement has been applied, electricity supplier, and for which part of the production it is valid for:</i>	<i>ABB Wiring Accessories in buying electricity from a local energy supplier, Porvoon Energia, which energy sources are 100% renewable. The contract was made in 2009 and is ongoing. The energy source is a combination of hydropower (70%) and wind power and solar power (30%). The energy source is valid for injection moulding, assembly and packaging of the products done at ABB WA factory in Porvoo.</i>	

## Distribution

Does the supplier apply any system for returning load carriers for the product?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the supplier apply any systems involving multi-use packaging for the product?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the supplier take back packaging for the product?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is the supplier affiliated to REPA?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Are the products packages in compliance with Directive 94/62/EC?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

<b>Are the packages recyclable?</b>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<i>Enter the proportion of recycled material, included in the packaging.</i>		

## Construction

Are there any special requirements for the product during storage?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are there any special requirements for adjacent building products because of this product?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

## Use

Are there any operating/care instructions for the product?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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Reference service life estimated as being approx.

≥ 25 Years

## Demolition

Does the product require any special measures to protect health and environment during demolition/disassembly?

Yes

No

*If "yes", please specify*

## Waste management

Is the product covered by the WEEE-directive 2012/19/EU?

Yes

No

Is energy recycling possible for all or parts of the product when it becomes waste?

Yes

No

When the supplied product becomes waste, is it classified as hazardous waste?

Yes

No

Is it possible to re-use all or parts of the product? (can the product be reused within the product's expected lifetime?)

Yes

No

*If "yes", please specify*

*The products are designed taking in consideration the whole lifecycle.*

Is material recycling possible for all or parts of the product when it becomes waste?

Yes

No

*If "yes", please specify*

*All of the materials present in the product are recyclable.*

## Indore environment

Has the product a critical moisture condition?

Yes

No

Is the article (or chemical product) intended for indoor use?

Yes

No

*If yes, has emission data been produced for volatile organic compounds?*

*The products do not produce emissions.*

All statements are made after our best knowledge and based on information from our suppliers. These details places particularly no assurance (e.g. in the guarantee legal meaning).

Marko Utriainen, LPG Manager

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MARKO UTRIAINEN  
LPA MANAGER

21.3.2022

Name, signature, title & date

# Appendix I

## Product list

All products covered by the Building product declaration are presented in Table 1.

Material number	Material description	E-number	Technical description
2TKA00004282	AU60.10		Flush mounting box
2TKA00004281	AU60.10FR		Flush mounting box, with intumescent material at bottom for fire protection

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