ABB WIRING ACCESSORIES, FINLAND, 1 OCTOBER 2019

Building product declaration
Byggvarudeklaration

ABB Document ID:	**2TVD100375**
Document creation date:	**22.1.2020**
Product group description:	**Mounting box AU70FR**

Revision

Modified (Date)	User (Name)	Changes done

Supplier/Manufacturer information

Supplier:	ABB Wiring Accessories
VAT-number:	FI07634030
Contact person:	Marie-Sofie Seger
Address:	Porvoon Sisäkehä 2, 06100, Porvoo, Finland
E-mail:	marie-sofie.seger@fi.abb.com
Phone number:	+358503357717
Company website:	http://www.installationmaterials.com

The company possesses certification in compliance with: ☒ ISO 9001 ☒ ISO 14001

Appendix:

☒ **Appendix I:** Product list

For more information please contact:

Marie-Sofie Seger
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Supporting documents

☒ **Declaration of conformity** covering the RoHS-directive (2011/65/EU).
☐ **Environmental product declaration** in accordance with 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	☒ Article	☐ Chemical
Is the chemical composition different, for the products when applied (cured product) compared to the content at delivery?	☐ Yes	☒ No
Are the products in compliance with RoHS-Directive 2011/65/EU?	☒ Yes	☐ No
Are the products covered by an exemption according to RoHS-directive (2011/65/EU)?	☐ Yes	☒ No
Are the products in compliance with REACH Regulation (EC) No 1907/2006?	☒ Yes	☐ No

ABB Wiring Accessories has a process in place to ensure compliance with the legal requirements.

Declaration of contents

Byggvarubedömningen

The data and declaration of contents provided in this Building product declaration is in accordance with Byggvarubedömningen's criteria for chemical content and lifecycle aspects, Version 5.0. Valid from 2019-07-01.

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 6.1.5. Date: 2019-10-03.

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 3.8 • 09 March 2016 – 31 December 2022.

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)*
Polypropylene GF22		9003-07-0	64,17%	Halogen free
	Glass fiber	65997-17-3	14,12%	22% of polypropylene (64,17%)
Polypropylene PP		9003-07-0	11,50%	Halogen free
Polycarbonate PC		25037-45-0	12,10%	Halogen free
Polyamide PA66		32131-17-2	3,22%	Halogen free
Galvanized steel		Fe-Zn	2,15%	
	Iron	7439-89-6	2,09%	

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	Zinc	7440-66-6	0,06%	
Nickel plated brass		CuZn39Pb3	2,02%	
	Carbon	7440-50-8	1,19%	
	Lead	7439-92-1	0,07%	
	Zinc	7440-66-6	0,02%	
Fire protection plate			4,84%	Intumescent fire protection seal on basis of graphite that expands in case of fire.
	Graphite	12777-87-6 and 90387-90-9	1,21-2,42%	
	Copolymer of 2-chloro-1,3-butadien and methacrylic acid		≤1,21%	
	Aluminium trihydrate	21645-51-2	≤1,21%	
	Fabric of continous glass filments	65997-17-3	≤0,48%	
	Double coated tape		≤0,48%	PET carrier and modified acrylic adhesive
	Polypropylene release liner		≤0,48%	
	EDAP	14852-17-6	≤0,48%	
	China clay	1332-58-7	≤0,48%	
	Plaster	10034-76-1	≤0,48%	
	Vitreous (silicate) fibers		≤0,07%	Man-made
	Zinc carbonate	51839-25-9	≤0,05%	
	Potassium hydroxide	1310-58-3	≤0,05%	
	Fumed silica	7631-86-9	≤0,05%	

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

Arsenic and its compounds	☐ Yes	☒ No
Brominated flame retardants	☐ Yes	☒ No
PFOA (perfluoroctaneacids)	☐ Yes	☒ No
PFOS (perfluorooctane sulfonate)	☐ Yes	☒ No
Organotin compounds	☐ Yes	☒ No
Biocidal product applied on products (surface treatments) to provide a disinfectant or anti-bacterial effect.	☐ Yes	☒ No
Medium chain chlorinated paraffins (C14-C17)	☐ Yes	☒ No

Nanomaterials

Does the product contain any nanomaterial that has been purposefully added to achieve a specific function?	☐ Yes	☒ No

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If yes, specify the material.

Recycling

Does the product contain any recycled material?	☐ Yes	☒ No

If Yes, specify in the material in Table 3.

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

Material	**Percentage (%)** *of the recycled material that has not reached the consumer level, such as production waste, etc. (pre-consumer)*	**Percentage (%)** *of the recycled material that has reached the consumer level (post-consumer)*	**Comments**

Production

Energy efficiency

Has an active effort been taken to minimize the energy consumption in production?	☒ Yes	☐ No
If yes, describe the type of efforts made:	*ABB WA conducts an ongoing optimization of production in order to minimize energy consumption.*	

Has an active choice been made, regarding the electricity supplier, in order to promote electricity production from renewable energy sources?	☒ Yes	☐ No
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:	*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*	

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	packaging of the products done at ABB WA factory in Porvoo.

Distribution

The packages used for the products are made from cardboard. In some cases the products are sealed in plastic foil.

Does the supplier apply any system for returning load carriers for the product?	☒ Yes	☐ No
Does the supplier apply any systems involving multi-use packaging for the product?	☐ Yes	☒ No
Does the supplier take back packaging for the product?	☐ Yes	☒ No
Is the supplier affiliated to REPA?	☒ Yes	☐ No
Are the products packages in compliance with Directive 94/62/EC?	☒ Yes	☐ No

Are the packages recyclable?	☒ Yes	☐ No
Enter the proportion of recycled material, included in the packaging.		

Construction

Are there any special requirements for the product during storage?	☐ Yes	☒ No
Are there any special requirements for adjacent building products because of this product?	☐ Yes	☒ No

Use

Are there any operating/care instructions for the product?	☐ Yes	☒ No
Is the product energy labelled in accordance with the Energy Labelling Directive (2010/30/EU)?	☐ Yes ☒ Not relevant	☐ No

Reference service life estimated as being approx.	≥ 25 Years

Disassembly

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

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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
24.7.20

Name, signature, title & date

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Appendix I

Product list

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

Material number	Material description	SE E-number	Technical description
2TKA00003942	AU70FR		Fire box

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Table 1. Products covered by the Building product declaration.

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