

ABB WIRING ACCESSORIES, FINLAND, 1 OCTOBER 2019

# Building product declaration

## Byggvarudeklaration

|                            |                     |
|----------------------------|---------------------|
| ABB Document ID:           | 2TVD100374          |
| Document creation date:    | 22.1.2020           |
| Product group description: | Ceiling rose covers |

### Revision

| Modified (Date) | User (Name)     | Changes done               |
|-----------------|-----------------|----------------------------|
| 3.2.2020        | Ella Helynranta | Product list updated       |
| 28.2.2020       | Ella Helynranta | Material content specified |
|                 |                 |                            |
|                 |                 |                            |
|                 |                 |                            |
|                 |                 |                            |
|                 |                 |                            |

### Supplier/Manufacturer information

|                  |   |
|------------------|---|
| Supplier:        | ABB Wiring Accessories  |
| VAT-number:      | FI07634030  |
| Contact person:  | Marie-Sofie Seger   |
| Address:         | Porvoon Sisäkehä 2, 06100, Porvoo, Finland  |
| E-mail:          | <a href="mailto:marie-sofie.seger@fi.abb.com">marie-sofie.seger@fi.abb.com</a>          |
| Phone number:    | +358503357717   |
| 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:

Marie-Sofie Seger  
Phone: +358 50 33 577 17  
Email: [marie-sofie.seger@fi.abb.com](mailto:marie-sofie.seger@fi.abb.com)

ABB Oy  
Porvoon Sisäkehä 2  
FI-06100 Porvoo  
Finland



## 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-%<br>(of the product) | Comments<br>(state any application of non-harmonized classifications) |
|-------------------------|------------------------|-----------------|------------------------------|---|
| <b>Polypropylene PP</b> |                        | 9003-07-0       | 22,78-25,98%                 | Halogen free  |
| <b>Polyamide 66</b>     |                        | 32131-17-2      | 18,26-19,30%                 | Halogen free  |
| <b>Galvanized steel</b> |                        | Fe-Zn           | 7,67-10,58%                  |   |
|                         | Iron                   | 7439-89-6       | 7,45-10,27%                  |   |
|                         | Zinc                   | 7440-66-6       | 0,22-0,31%                   |   |
| <b>Structural steel</b> |                        | S235            | 8,16-10,32%                  |   |
|                         | Manganese              | 7439-96-5       | 0,13-0,16%                   |   |

For more information please contact:

Marie-Sofie Seger  
Phone: +358 50 33 577 17  
Email: marie-sofie.seger@fi.abb.com

ABB Oy  
Porvoon Sisäkehä 2  
FI-06100 Porvoo  
Finland

|                            |            |               |               |
|----------------------------|------------|---------------|---------------|
|                            | Silicon    | 7440-21-3     | 0,004-0,01%   |
|                            | Carbon     | 7440-44-0     | 0,018-0,02%   |
|                            | Phosphorus | 7723-14-0     | 0,004-0,01%   |
|                            | Sulfur     | 7704-34-9     | 0,004-0,01%   |
|                            | Zinc       | 7440-66-6     | 0,01%         |
|                            | Iron       | 7439-89-6     | 7,99-10,10%   |
| <b>Nickel plated brass</b> |            | CuZn37        | 2,86-3,77%    |
|                            | Copper     | 7440-50-8     | 1,83-2,41%    |
|                            | Zinc       | 7440-66-6     | 1,021-1,35%   |
|                            | Nickel     | 7440-02-0     | 0,009-0,01%   |
| <b>Nickel plated brass</b> |            | CuZn33        | 0-1,92%       |
|                            | Copper     | 7440-50-8     | 0-1,31%       |
|                            | Zinc       | 7440-66-6     | 0-0,60%       |
|                            | Nickel     | 7440-02-0     | 0-0,01%       |
| <b>Stainless steel</b>     |            | X10CrNi18-8   | 1,09-1,43%    |
|                            | Iron       | 7439-89-6     | 0,73-0,95%    |
|                            | Chrome     | 7440-47-3     | 0,21-0,27%    |
|                            | Nickel     | 7440-02-0     | 0,1-0,14%     |
|                            | Silicon    | 7440-21-3     | 0,02-0,03%    |
|                            | Manganese  | 7439-96-5     | 0,02-0,03%    |
|                            | Molybdenum | 7439-98-7     | 0,01%         |
| <b>Cold Rolled Steel</b>   |            | DC01 (1.0330) | 31,00- 34,83% |
|                            | Carbon     | 7440-44-0     | 0,037-0,042%  |
|                            | Manganese  | 7439-96-5     | 0,186-0,209%  |
|                            | Phosphorus | 7723-14-0     | 0,014-0,016%  |
|                            | Sulfur     | 7704-34-9     | 0,014-0,016%  |
|                            | Iron       | 7439-89-6     | 30,75-34,55%  |

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

|   |                              |  |
|---|------------------------------|--|
| 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 (perfluorooctaneacids)   | <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

|   |                              |  |
|---|------------------------------|--|
| <b>Does the product contain any nanomaterial that has been purposefully added to achieve a specific function?</b> | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
|---|------------------------------|--|

For more information please contact:

Marie-Sofie Seger  
 Phone: +358 50 33 577 17  
 Email: marie-sofie.seger@fi.abb.com

ABB Oy  
 Porvoon Sisäkehä 2  
 FI-06100 Porvoo  
 Finland

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

For more information please contact:

Marie-Sofie Seger  
Phone: +358 50 33 577 17  
Email: marie-sofie.seger@fi.abb.com

ABB Oy  
Porvoon Sisäkehä 2  
FI-06100 Porvoo  
Finland

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  No
- Not relevant

Reference service life estimated as being approx.  $\geq$  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

For more information please contact:

Marie-Sofie Seger  
Phone: +358 50 33 577 17  
Email: marie-sofie.seger@fi.abb.com

ABB Oy  
Porvoon Sisäkehä 2  
FI-06100 Porvoo  
Finland



When the supplied product becomes waste, is it classified as hazardous waste?  Yes  No

|  |   |                             |
|--|---|-----------------------------|
| <b>Is it possible to re-use all or parts of the product? (can the product be reused within the product's expected lifetime)?</b> | <input checked="" type="checkbox"/> Yes                                       | <input type="checkbox"/> No |
| <i>If "yes", please specify</i>  | <i>The products are designed taking in consideration the whole lifecycle.</i> |                             |
| <b>Is material recycling possible for all or parts of the product when it becomes waste?</b>                                     | <input checked="" type="checkbox"/> Yes                                       | <input type="checkbox"/> No |
| <i>If "yes", please specify</i>  | <i>All of the materials present in the product are recyclable.</i>            |                             |

### Indore environment

Has the product a critical moisture condition?  Yes  No

|  |   |                             |
|--|---|-----------------------------|
| <b>Is the article (or chemical product) intended for indoor use?</b>           | <input checked="" type="checkbox"/> Yes       | <input type="checkbox"/> No |
| <i>If yes, has emission data been produced for volatile organic compounds?</i> | <i>The products do not produce emissions.</i> |                             |

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

Name, signature, title & date

For more information please contact:

Marie-Sofie Seger  
Phone: +358 50 33 577 17  
Email: marie-sofie.seger@fi.abb.com

ABB Oy  
Porvoon Sisäkehä 2  
FI-06100 Porvoo  
Finland



