

Byggvarubedömningen's guidelines and information requirements for assessment of products, Version 2023-2.

These guidelines describe what information Byggvarubedömningen requires for assessment of articles and chemical products. Information about the article or chemical product can be provided in this document, alternatively refer to another documentation in which the corresponding information is given. For certain types of articles and chemical products additional information may be requested.

1. Product information

Product

Product name:	Saga - Frames for Surface products		
Article No.: <i>Specify the type of number, e.g. RSK, E-number, EAN, GTIN or supplier's article number. This should also be stated on the application.</i>	2TKA00005162 1721S85H53-916	E-number: 1815829	
	2TKA00005161 1721S85H43-916	E-number: 1815828	
	2TKA00005101 1721L-916	E-number: 1815825	
	2TKA00005241 1722S85H53-916	E-number: 1815845	
	2TKA00005200 1722S85H43-916	E-number: 1815830	
	2TKA00005242 1722S100H48-916	E-number: 1815847	
	2TKA00005244 1723S85H53-916	E-number: 1815849	
	2TKA00005245 1723S100H48-916	E-number: 1815851	
	2TKA00005243 1723S85H43-916	E-number: 1815848	
	2TKA00005358 1722H-916	E-number: 1815855	
Product description: <i>Upon application, please attach a products data sheet, or similar.</i>	Frames for surface mounting, corner, and installation boxes in Saga design range. Frames are available in 85mm and 100mm sizes in 1 to 3-gang variations.		
Type of product:	<input type="checkbox"/> Chemical product	<input checked="" type="checkbox"/> Article	
Date (year, month, day) of preparation/revision:	18.06.2024		

Supplier/Manufacturer

Supplier:	ABB Oy Wiring Accessories
Manufacturer, if other than the supplier: <i>Voluntary information</i>	
Contact person:	Ella Helynranta
Address:	Porvoo Sisäkehä 2, 06100, Porvoo, Finland
E-mail:	ella.helynranta@fi.abb.com
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Supporting documentation

Has a declaration of performance in line with the European	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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Construction Products Regulation (EU) no 305/2011, been prepared for the product?		
If yes, attach the declaration of performance with the application.		
Is the article/product an electronic product and covered by the RoHS-directive (according to the version valid at the time of application)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, attach an "EU Declaration of Conformity", or alternatively another certificate that attests that the product corresponds to the requirements according to the latest version of the RoHS-directive, together with the application.		
If the article/product is an electronic product that is covered by an exemption according to the RoHS-directive, specify which exemption and date (year, month, day) when the exemption expires if time-limited:	Exemptions according to RoHS: Date:	

2. Declaration of contents:

Please specify the full content of the article or the chemical product, *on delivery*, in Table 1, or alternatively attach other documentation that provides the corresponding information. For instructions, please refer to the "Reporting requirements for chemical content, 2023-1", which is found at the end of this document.

Table 1. Contents of included substances and material (declaration of content in accordance with the Reporting requirements).

Included substances and materials	EC-/ CAS-number (alternatively, alloy number)	Weight% (of the entire product)	When applicable, state for which subcomponent	Weight% (of substance in subcomponent)	Comments (state any application of non-harmonized classifications)
White Bio-circular Polycarbonate Bio-Circular PC Titanium dioxide Residual BPA Other additives	25037-45-0 13463-67-7 80-05-7	97,61-98,89%	Plastic component	>95% 1-3% <0,1% <2%	
Steel grade 4.8 with a zinc surface Iron Carbon Phosphorus Sulfur	7439-89-6 7440-44-0 7723-14-0 7704-34-9	1,11-2,38%	Screws	> 98,77 % < 0,55 % < 0,05 % < 0,06 %	

Zinc	7440-66-6			< 0.57%	

If any deviations from Byggvarubedömningens Reporting requirements exist, specify these in the comments in Table 1, or alternatively here.	Other comments: Titanium dioxide classification (H351) is applicable when the plastic is in granulate form, not for the molded plastic parts.
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Is the chemical composition different, for the product when applied (cured product) compared to the content at delivery? (Only for chemical products)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If yes, specify the content of the cured product in Table 2.		

Table 2. Contents for the applied product (full content in accordance with the Reporting requirements)

Included substances and materials	EC-/ CAS-number	Weight% (of the applied product)	Comments (state any application of non-harmonized classifications)
If any deviations from Byggvarubedömningens Reporting requirements exist, specify these in the comments in Table 1, or alternatively here.	Other comments:		

Does the product or any of its subcomponents contain substances with particularly hazardous properties (Substances of Very High Concern, SVHC-substances), which are included in the Candidate List at a concentration >0.1 weight%?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If yes, specify these substances in Table 1 together with the rest of the content of the product.		

State the date (year, month, day) for control of the Candidate List.	Date: 23.1.2024
The concentration is calculated at component level established on the principle "once a product, always a product".	
The Candidate List is available at: http://echa.europa.eu/sv/candidate-list-table .	

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
If yes, specify the material.	Material:	
If yes, specify the weight% of the entire product.	Weight%:	

Per- and polyfluoroalkyl substances (PFAS)

Does the product contain any per- and polyfluoroalkyl substances (PFAS) that has been purposefully added to achieve a specific function?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If yes, specify the material.	Material:	
If yes, specify the weight% of the entire product.	Weight%:	

3. Recycled raw material

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

If the product consists of recycled materials specify the material and the percentages of the total weight of the product, in *Table 3, Recycled materials*.

Table 3. Recycled material.

Material	Percentage (%) Recycled material of the total product's weight	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

If wood raw material is included

Can the product be ordered with sustainability certificates for the wood raw material?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<p>If yes: Specify the percentage of wood raw material that is certified, what system has been used (e.g. FSC or PEFC) and give the license number for the certification.</p> <p>Attach the certificate together with the application.</p>		
<p>If no: Has wood raw material from documented sustainable forestry been used in the production of the product? If so, please indicate how much of the included wood raw material used that comes from documented sustainable forestry:</p> <p>Attach certificates from all subcontractors together with the application.</p>		
If sustainability certificates are missing, state the harvesting country for wood raw material:		
Is the wood species or origin in the CITES appendix for endangered species?	<input type="checkbox"/> Yes	<input type="checkbox"/> No

4. The production phase

Has an Environmental Product Declaration (EPD) according to ISO 14025 and EN 15804 (or equivalent for other product groups) been prepared?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Has another type of environmental product declaration been prepared?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If yes, enclose the EPD (Environmental Product Declaration) or any other environmental product declaration together with the application.		
Has an active choice been made, regarding the electricity supplier, to promote electricity production from renewable energy sources?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

If yes, describe the type of energy source, percentage of energy stemming from the renewable source, how long the agreement has been applied (start and end date), electricity supplier, and for which part of the production it is valid for:

ABB Oy Wiring Accessories buys electricity from energy supplier, Gasum, which energy sources are 100% renewable and free of direct carbon dioxide emissions (Directive 2018/2011). The contract was made in 2021 and is ongoing. The energy source is a combination of hydropower (50%) and wind power (50%). The energy source is valid for injection moulding, assembly, and packaging for the products done at ABB WA factory in Porvoo.

In 2021 ABB WA was part of ABB's Mission to Zero – project which resulted in the increase of total energy efficiency by 21% with the help of onsite heat recovery, geothermal system, and solar power.

5. Distribution of the completed product

Describe the management of packaging for the distribution of the product:

Specify the packaging material used and which system of producer responsibility for packaging the supplier is affiliated to.

Enter the proportion of recycled material, if any, included in the packaging.

Description of the packaging:

The products are first packaged individually in plastic bags (recycled content 50%), after which the products are then packed into carton boxes (recycled content 60 or 90%). Depending on the packaging method either 10, 20, 25 or 100 products can be packed into one carton box.

ABB WA is affiliated with RINKI Ltd.

Other information:

6. Construction and usage phase

Are there any special requirements such as storage conditions etc. for the product during storage?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
If yes, describe:			
Are there any special requirements for adjacent building products because of this product?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
If yes, describe:			
Are there any operating/care instructions for the product?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
If yes, attach the documentation with the application.			
Is the product energy labelled in accordance with the Energy Labelling Directive (2010/30/EU)?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Not relevant
If yes, state class (G to A, A+, A++, A+++):	Class:		

7. Waste management

Does the product require special measures to protect health and the environment in conjunction with demolition/dismantling?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If yes, describe:		
Is the product covered by the WEEE-directive 2012/19/EU (Swedish ordinance (2014:1075) on Producer Responsibility for electrical and electronic products when it becomes waste?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is it possible to re-use all or parts of the product? (can the product be reused within the product's expected lifetime)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, describe: 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?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, describe: All of the materials present in the product are recyclable.		
Is energy recycling possible for all or parts of the product when it becomes waste?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the supplier have any restrictions and recommendations for reuse, material- or energy recycling or disposal?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, specify which: After shorting the metal and plastic components from each other the components can enter the usual end-of-life treatment process according to countries' practices with the aim of the components going to either reuse, recycling, or energy recovery.		
When the supplied product becomes waste, is it classified as hazardous waste?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If yes, specify the waste code: The Swedish waste ordinance (2011:927) https://www.notisum.se/rnp/sls/lag/20110927.htm	Waste code:	

8. Indoor environment

Has the product a critical moisture condition: <i>Information regarding whether critical moisture conditions leading to microbial growth apply for the material/product should be stated but will not impact the assessment.</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If Yes, specify which:		
Is the article (or chemical product) intended for indoor use?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

If <i>yes</i> , has emission data been produced for volatile organic compounds?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If <i>yes</i> , attach the report/certificate together with the application.		
If <i>no</i> , is there any motivation for why emission data for volatile organic compounds is not relevant for the product?	Motivation: The products do not produce emissions.	

Byggvarubedömningen’s Certificate of substance content and concentrations, Version 7.1.

A correct and fully* completed certificate is required for the possibility of reaching the Recommended assessment level for chemical contents. The certificate is required also when contents are reported in another document not drafted in accordance with the eBVD requirements.

*Obligatory data required for the certificate to be considered fully completed.

The certificate is for the following products (product name on the application): * <i>(The name of the product/item is to be identical with the name stated when applying for assessment. The certificate can be used for several assessments.)</i>
Saga - Frames for Surface products

It is certified for the above products that (choose alternative A1, A2, B1 or B2): *	
A1 <input type="checkbox"/>	<p>It is hereby certified that:</p> <ul style="list-style-type: none"> Concentrations of the constituent substances have been reported down to a percentage by weight (wt%) of 0,01. <i>(This implies a complete declaration of contents in which all substances present in concentrations of $\geq 0,01$wt% have been reported.)</i> Substances that are subject to specific concentration limits $< 0,01$ wt%: These substances are reported if they occur in concentrations up to 10 times lower than their specific concentration limit. <i>(This means that if a substance’s specific concentration limit is 0,0015 wt%, concentrations $\geq 0,0015$ wt% are to be reported.)</i> Actively added or contamination of mercury has been reported regardless of concentration. Cadmium is reported in cases of $\geq 0,001$ wt%.
B1 <input checked="" type="checkbox"/>	<p>It is hereby certified that:</p> <ul style="list-style-type: none"> Concentrations of the constituent substances have been reported down to 0,1 wt%. <i>(This implies a complete declaration of contents in which all substances of concentrations $\geq 0,1$wt% have been reported.)</i> Substances that are subject to specific concentration limits $< 0,1$ wt% have been reported when they occur. <i>(This means that if a substance’s specific concentration limit is 0,0015 wt%, concentrations $\geq 0,0015$ wt% are to be reported.)</i> Actively added or contamination of mercury has been reported regardless of concentration. Cadmium is reported in cases of $\geq 0,01$ wt%.


I have not reported according to alternative A1 or B1, but I have followed the instructions for Declaration of content, Byggvarubedömningen's reporting requirements 2023-1 (Table 1) below:

- A2 Equivalent to *Recommended* level.
 B2 Equivalent to *Accepted* level.

It is further certified for the above specified products (choose alternative C or D): *

- C It is hereby certified that "Specifically indicated substances" in accordance with Annex 1, Table 2 have not been added during production or been formed through reactions between the substances in the product.
- D Unfortunately, we have to notify that the specified products contain "Specifically indicated substances" in accordance with Annex 1, Table 2. One/some of these substances have been added during production or have been formed through reactions between the substances in the product, refer to the reported Declaration of content.

I hereby certify that the above data is correct to my best knowledge. *

Person responsible for the declaration: *	Mikaela Ahlnäs-Mäkeläinen
Signature: **	
Contact details (email, phone): *	mikaela.ahlnas-makelainen@fi.abb.com
Place and date: *	<i>Parvo 18.6.2024</i>

* Obligatory data required for the certificate to be considered fully completed.

** Voluntary data that may be a requirement in, for example, certain certification systems.

If you want your logotype on the certificate, paste it below: