Cradle to Cradle Certified® Full Scope - Product Data Report

Third-party verified

* indicates that disclosure of this information is optional

Product Name: **WAN5011WG-WAN5011WM-WAN5011BG-WAN5011BM**

Company Name: **Berker GmbH & Co. KG**

Certification Level: **Bronze**

Individual Category Level(s): **Material Health - Bronze, Product Circularity - Bronze, Clean Air & Climate Protection - Bronze, Water & Soil Stewardship - Bronze, Social Fairness - Bronze**

Lead Assessment Body: **MBDC**

Material Health Assessment Body: **MBDC**

Standard Version: **5.0**

Certification #: **12306**

Certification status available at c2ccertified.org/certified-products

Product Data	All Levels	1	*Product composition by generic material type:	-
		2	*Final manufacturing stage processes and location(s):	-
		3	*Number of tier 1 suppliers by country:	-
Material Health Assessment	All Levels	1	* % Assessed:	-
			*Percentage (by weight) of grey/Grey, x/X, c/C, b/B, a/A and other- assessed chemicals or materials:	-
			*Number of grey/Grey, x/X, c/C, b/B, a/A and other-assessed chemicals or materials:	-
			*Phases and processes considered in the assessment:	-
		2	*Potential contaminants/parameters tested to confirm compliance for Material Health level achieved (note: required limits were achieved if listed):	-
			*Description of tests conducted and materials tested:	-
		3	*Safety information for product use and disposal (if relevant):	-
Circular Sourcing	All Levels	1	Cycled content type:	Post-consumer recycled content (33.8%)
			Description of cycled content in the product:	Polycarbonate materials contain 50% post-consumer recycled content at a minimum. This was verified via the UL Environmental Claim Validation Procedure. Steel materials contain recycled content, however, this could not be verified due to difficulties in obtaining the necessary chain of custody documentation, so the required verified recycled content percentage for steel was not met.
			*Additional disclosures for cycled content (if relevant):	Not applicable to this product.
			Biomass source of renewable material in the product:	No renewable content
			Description of renewable material in the product:	Not applicable
		2	*Potential contaminants tested in renewable/cycled content (note: required limits were achieved if listed):	Halogenated organic compounds and/or total halogens, Toxic metals
			*Description of tests conducted and renewable/cycled materials tested:	The post-consumer recycled content in the polycarbonate was tested for toxic metals and halogens to demonstrate compliance with Cradle to Cradle Material Health requirements. Test methods include IEC 62321, EPA 3052, and EN 14582.
Circular Design	All Levels	1	Product's intended cycle:	Designed for technical cycling
		2	Intended cycling pathway(s) and percentage of product by weight compatible for cycling via these pathway(s):	Mechanical recycling (100%)
			*Percentage of product that may be released to the environment during use and compatible with biological cycle:	Not applicable to this product.
			Description and/or tests conducted to support cycling via the intended pathway(s):	This product can be placed in the WEEE waste stream. The WEEE directive intends for WEEE products to be collected for material recovery without homogenous materials being separated by the end user. Recycling and material recovery facilities are responsible for separating and sorting homogenous materials. WEEE intends for member states to ensure that collection, transport, and recycling of WEEE products happens in a manner that contains hazardous substances.
	Gold		*Percentage of product compatible for high-value cycling via the intended pathway(s):	-
		3	*Description of design for durability, maintenance, repair, refurbishment, or other circular design or innovation:	-
		4	*Product warranty period and/or functional use period:	Product is designed in order to achieve a reliability of 10 years, so that product is still fully functional 10 years after its installation.
Circular Systems & Cycling	All Levels	1	*Circularity, material health, or other related certifications, that have been obtained for the product, restricted substance/chemical lists and/or related chemical or circularity regulations:	-
	Silver	2	Description of product cycling and instructions for disassembly, extraction, and cycling:	-
	Gold		Intended disassembly and extraction scenarios:	-
			*Percentage of product actively cycled:	-

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Company Name:	**Berker GmbH & Co. KG**	Material Health Assessment Body:	**MBDC**
Certification Level:	**Bronze**	Standard Version:	**5.0**
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Packaging	All Levels	1	*Packaging composition by generic material type:	-
			*Packaging cycled and/or renewable content type and amount:	-
			*Packaging intended cycling pathways, weight reduction, and/or circular design opportunities implemented (if relevant):	-
		2	*Potential contaminants tested in packaging materials (note: required limits were achieved if listed):	-
			*Description of tests conducted and materials tested in packaging:	-
Climate Impact	All Levels	1	Scope 1 and Scope 2 emissions reported for either the applicant company, final manufacturing facilities, or product's final manufacturing stage only:	Scope of reporting: Applicant company Scope 1 Emissions: 17800 tCO2e Scope 2 Emissions: Market-based: 57200 tCO2e, Location-based: 31000 tCO2e
			*Scope 1 and Scope 2 emissions reported at a per unit product basis:	-
			*How the C2C Certified targets for using renewable electricity and addressing greenhouse gas emissions were achieved:	-
		2	*Certifications or labels held by the product through an energy efficiency standard or labelling program, if applicable:	-
	Silver	3	Embodied greenhouse gas emissions data for the product or link to Environmental Product Declaration (EPD): *Required at Silver for construction products and building materials used to construct the primary building elements, at Gold for other products.*	-
Water Usage & Effluent	Silver	1	Water use data for either the applicant company, final manufacturing facilities, or product's final manufacturing stage only:	-
	All levels		*Water use data reported at a per unit product basis:	-
		2	*Percentage of grey/Grey, x/X, c/C, b/B, a/A and other- assessed process chemicals or mixtures:	-
	Silver	3	*Information about water conservation and effluent quality improvements at the final manufacturing stage facilities:	-
	Gold		*Information about water conservation and effluent quality improvements within the supply chain:	-
Social	All levels	1	*A link to a human rights policy demonstrating commitment to respect human rights:	-
		2	*Sourcing information by country for materials and components from countries where there is especially high risk of human rights issues:	-

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Definitions

1	% Assessed	Percent of materials or chemicals in the product that have been assessed for their compatibility with human and environmental health and have been assigned an A/a, B/b, C/c, X/x, or other- assessed rating. This excludes Grey/grey materials or chemicals. The default inventory thresholds are 100 ppm for (1) materials within products, and (2) chemicals within materials. Exceptions may apply. Please refer to the C2C Certified Product Standard for additional information.
2	a/A, b/B, c/C, x/X, grey/Grey and other- assessed chemicals or materials	• a/A - No moderate or significant hazards identified for the chemical (a) or material (A). • b/B - No moderate or significant risks identified for the chemical (b) or material (B). • c/C- One or more moderate risks identified for the chemical (c) or material (C). • x/X - One or more significant risks identified for the chemical (x) or material (X). • grey/Grey - Chemical or material is not assessed (e.g., due to insufficient composition and/or toxicity information). • Other assessed – Includes recycled content that has passed the required analytical tests, Externally Managed Components (EMCs) and/or C2C Certified inputs. Please refer to the C2C Certified Product Standard, the Material Health Assessment Methodology, and supporting methodologies (available on C2CPII's website) for additional information.
3	Biodegradable material	A material that can undergo near-complete biological decomposition into carbon dioxide, water, inorganic compounds, and biomass in a natural medium (soil, water, or anaerobic environments) within a limited time period, thereby efficiently returning nutrients from the material back to the earth.
4	Biological cycle	The cycle by which materials or parts are released to, and ideally reprocessed in, the environment via composting, biodegradation, or other biological metabolic pathways.
5	Compostable material	Characteristic of a product, packaging, or associated component that allows it to biodegrade, generating a relatively homogeneous and stable humus-like substance within a limited time period.
6	Cycling	The processing of material, parts, or whole products toward a new use cycle via a technical or biological cycling pathway that includes at least one of the following: reuse, remanufacturing, refurbishing, recycling, nutrient extraction/anaerobic digestion, composting, or biodegradation.
7	Cycled content	Material or parts that have been reclaimed, recycled, salvaged, or otherwise captured from a pre-consumer or post-use phase of a previous cycle.
8	Cycling pathway	A specific method, system, or other means of processing a material at the end of its use phase. Examples include municipal recycling, home composting, aerobic biodegradation in wastewater (i.e., at municipal treatment plant), take-back and repair/remanufacture by the manufacturer.
9	Functional use period (as designed)	The full use phase of the product, as designed, including known maintenance, upgrades, anticipated repairs, remanufacturing cycles, and reuse (excluding recycling). Similarly defined terms include full service life, actual lifetime, and use phase time.
10	High-value cycling	The cycling of high-quality materials as defined by the Gold level requirements for "high-value cycling potential" in Version 5.0 of the Cradle to Cradle Certified Product Standard, Section 5.4. The requirements include: 1a. Materials intended for technical cycles and solid materials intended for biological cycles must meet one of the following: i. Must not contain additives or features that are likely to result in low-value (i.e., low-quality) reprocessed material, ii. Must be able to substitute for virgin material without loss of essential product function or material durability, or iii. Have at least two subsequent intended cycling pathways. 1b. Solid materials intended for biological cycles must be certified by a C2CPII-recognized biodegradability or compostability program, or an equivalent alternative to certification must be in place. 2. Select liquid formulations (e.g., soaps, cleaning products, lubricants) must meet minimum percent ready biodegradability and/or anaerobic biodegradability requirements; testing may be required.
11	Intermediate product	A product sold exclusively as an input to be used in another product and not sold to the general public. (Note: Products intended for professional use (e.g., construction worker use) are not considered intermediate products. A building is not a product. Products sold as inputs to be used in other products that are also sold to the general public are not considered intermediate products).
12	Post-consumer cycled content	Material that has been reprocessed from waste from end-users. End users can be individuals or entities such as households, or commercial, industrial, and institutional facilities in their role as end-users. This includes returns of material from the distribution chain.
13	Pre-consumer cycled content	Material that has been reprocessed from waste material diverted from manufacturing process. Excluded is reutilization of material such as rework, regrind, or scrap generated in a process and capable of being reclaimed within the same process that generated it.
14	Recycled content	Proportion of pre-consumer or post-consumer materials, by mass, of recycled material in a product or packaging.
15	Recycling	The process by which a material, after serving its intended function, is processed into a new material via mechanical or chemical transformation and then added to a new material formulation in a different context.
16	Refillable	A characteristic of a product or packaging that can be filled with the same or similar product more than once, in its original form and without additional processing except for specified requirements such as cleaning or washing. Programs must exist to facilitate refilling and reuse to support a refillable claim.
17	Refurbishing	The process of returning a product to good working condition by replacing or repairing major components that are faulty or close to failure, and making cosmetic changes to update the appearance of a product, such as cleaning, changing fabric, painting, or refinishing.
18	Remanufacturing	The process of disassembly and recovery at the subassembly or component level. Functioning, reusable parts are taken out of a used product and rebuilt into a new one. This process includes quality assurance and potential enhancements or changes to the components.
19	Renewable content	Material derived from a living, natural resource (agriculture, aquaculture, or animal derived) that can be continually replenished. Material must be legally harvested, as defined by exporting and receiving country. If the material is wood, or another material associated with extensive evidence of ecosystem destruction due to land conversion and/or poor management practices, to count as renewable the material must be certified by a C2CPII-recognized program as responsibly sourced. If the material is a biologically derived plastic or liquid formulation, material only counts as renewable if its bio-based content has been quantified using radiocarbon dating or through chain of custody documentation showing derivation from natural resources.
20	Responsibly sourced renewable content	Material that is certified by a C2CPII-recognized standard that verifies sustainable, environmentally friendly forest or vegetation management. These recognized standards have criteria that address: 1) Compliance with all applicable laws and regulations of the country in which farming or harvesting operations occur; 2) Operations that respect land rights and land use rights, and are unlikely to cause displacement of food production; 3) Planning, monitoring, management, and continuous impact assessment for the farming and/or harvesting of material; 4) Maintenance, conservation, or enhancement of biodiversity in the forest/vegetation or other ecosystem; 5) Maintenance or enhancement of the productive function of the forest/vegetation or other ecosystem area and efficient use of harvested materials (e.g., rate of harvest does not exceed rate of regrowth in the long term); 6) Maintenance or enhancement of the health and vitality of the forest/vegetation or other ecosystem and its protective systems (soil and water). May also be referred to as sustainably grown.
21	Reusable	Characteristic of a product or packaging that has been designed to be used in more than one use cycle for the same purpose for which it was originally conceived.
22	Scope 1 and Scope 2 Emissions	Scope 1 emissions – Emissions from operations that are owned or controlled by the reporting (i.e., applicant) company. Scope 2 emissions – Indirect emissions from the generation of purchased or acquired electricity, steam, heat, or cooling consumed by the reporting (i.e., applicant) company.
23	Separable	The ability of removing one homogeneous material from another one it is physically attached to.
24	Technical cycle	The cycle by which a product's materials or parts are reprocessed for a new product use cycle via recycling, repair, refurbishment, remanufacturing, or reuse.

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