

DGNB version 2020

Scorecard for Ecophon products

Credit name	Indicator	Contribution	Supporting evidence	Possible points
Environmental quality				
ENV1.1 Building life cycle assessment	3. Life cycle assessment comparison calculation	The Environmental Product Declarations (EPD) provide environmental impact of an Ecophon product on its whole lifecycle, from cradle to grave.	Product-specific Environmental Product Declaration. Check the Download center below "Product documentation"	Up to 90
ENV1.2 Local environmental impact	1. Environmentally friendly materials	All Ecophon products are compliant with REACH regulations. Ecophon ceilings meet the quality requirements level 4 for DGNB, as they are absetos free and have CE marking.	Technical data sheet and/or Safety Data Sheet.	Up to 100
ENV1.3. Sustainable resource extraction	1.3. Certified sustainable resource extraction	Ecophon has taken several commitments to foster sustainable resource extraction, including adherence to UN Global Compact and ISO 26000 certification.	All details are available in our CSR report (GRI / UN Global Compact / ISO 26000) in the Download center .	Up to 100
	2. Secondary raw materials	Ecophon products have a high post-consumer recycled content level, calculated according to ISO 14021.	Declarations of recycled content of product families are available in the Download center .	Up to 10
Sociocultural and functional quality				
SOC1.2. Indoor air quality	1.1. Measurement of volatile organic compounds	Ecophon Plant products are compliant with Eurofins Indoor Air Comfort Gold certification, a guarantee of low VOC emissions.	Eurofins IAC GOLD certificate. Check the tab "Product documentation" in the Download center .	Up to 50
SOC1.3. Acoustic comfort	1.1. Room acoustic concepts	Rooms acoustics can be modelled through our Ecophon Acoustic Calculator.	Ecophon Acoustic calculator . Contact an Ecophon representative for assistance	Up to 20
	2.1 / 3.1 / 4.1 Compliance with the requirements for reverberation time	Thorough acoustic research has been done on Ecophon products, resulting in short reverberation time.	Acoustic reports and product data sheet	Up to 30

	6.1. Agenda 2030 bonus - stress reduction, health & well-being	Thanks to the high acoustic absorption of Ecophon ceilings, high level of acoustic quality can be achieved, thus enhancing occupants' health and wellbeing.	Acoustic reports and product data sheet	Up to 10 bonus points
SOC1.4 Visual comfort	1.1. Daylight factor	All white surfaces of Ecophon products have a light reflectancy larger than 80%.	Product data sheet	Up to 40
Economic quality				
ECO2.1. Flexibility and adaptability	7.1. Flexibility aspects of the technical building services	Ecophon ceiling tiles can be easily dismantled and cut to be adapted to a new use.	Product data sheet	Up to 40
Technical quality				
TEC1.2. Sound insulation	1.3. Separating ceilings R'w	Specific solutions, like the Combison product range, have been designed to offer high sound insulation.	Acoustic reports and product data sheet. Contact an Ecophon representative for assistance.	Up to 20
TEC 1.5 Ease of cleaning building components	2.2. Cost and effort required to clean interior components	Specific solutions, from the Hygiene product range, have enhanced cleanability. They are resistant to growth of mold and bacteria, and can withstand HPV cleaning.	Product data sheet	Up to 5
TEC1.6. Ease of recovery and recycling	1.1. Selection of easy-to-recycle construction materials	Ecophon ceiling tiles are recyclable and a take back scheme is in place in selected countries, where the tiles are recycled into new building materials. As for the grids, they can be recycled as scrap metal.	Description of diversion strategy	Up to 5
	1.2. Circular economy bonus - reuse or material recovery	Ceilings tiles can be easily dismantled and re-used.	Description of diversion strategy	Up to 10
	2.1. Easy-to-recover building components	Ecophon ceiling tiles can be easily dismantled.	Description of diversion strategy	Up to 15
TEC 1.7. Inmissions control	1.1 Noise pollution reduction measures	Ecophon products have a high sound absorption, enabling to reduce noise pollution.	Acoustic reports and Ecophon Acoustic calculator. Contact an Ecophon representative for assistance.	Up to 70
Process quality				
PRO1.5. Documentation for sustainable management	1.1. Production and provision of maintenance, inspection, operating and care instructions	Documentation on how to care for and maintain Ecophon ceilings is available.	Installation guide available on product pages for download.	Up to 15
	4.1. Execution of planning with BIM and provision of the BIM model	Ecophon products can be integrated in BIM.	See objects available on BIM.	Up to 5

PRO2.1. Construction site/construction process	2.1. Low-dust construction site concept	Ecophon products are low-dust, thanks to the glass wool they are made of.	Eurofins IAC GOLD certificate. Check the tab "Product documentation" in the Download center.	Up to 5
	4.1. Low-waste construction site concept	The ceiling tiles can be recycled into a new material, thus reducing landfill and the consumption of virgin raw materials. Installation offcuts can be taken back by Ecophon services in selected countries.	Description of diversion strategy	Up to 5
	4.4. Circular economy bonus - waste prevention on the jobsite	Innovative recycling services have been implemented in selected countries to reduce construction waste during installation.	Description of diversion strategy	Up to 10 bonus points