

# BREEAM International New Construction 2016

## Scorecard for Ecophon products

Credit name	Contribution	Supporting evidence	Possible credits
Health & wellbeing			
HEA01 - Visual comfort	Most of our white absorbent panels have a light reflectance of 85% or more, thereby contributing to a high daylight factor in the rooms in which they are installed.	Product data sheet.	Up to 4 credits
HEA02 - Indoor air quality	Our solutions emit low level of VOCs, as proven by independent testing according to norms ISO16000. Many of our solutions are compliant with certifications such as Eurofins Indoor Air Comfort Gold certification, French A+ classification, or the Finnish label M1.	Eurofins IAC GOLD certificate. Check the tab "Product documentation" in the <a href="#">Download center</a> , Declaration of Performance.	Up to 1 credit
HEA04 - Thermal comfort	In buildings with concrete core cooling, also called TABS (Thermally-Activated Building Systems), the ceiling cannot be fully covered, in order to allow the energy to transfer between the room and the concrete slab. Ecophon offers a number of products and system solutions for TABS buildings. Ecophon also offer a system including radiant panels which can be used to increase the thermal comfort of a room.	Product ranges for TABS and radiant panels. Contact an Ecophon representative for more information.	Up to 1 credit
HEA05 - Acoustic performance	Ecophon ceilings have high acoustic absorption. Thorough research has been done on our products, resulting in short reverberation time. Rooms can be modelled through our Ecophon Acoustic Calculator.	Product data sheet Acoustic reports <a href="#">Acoustic calculator</a> . Contact an Ecophon representative for assistance.	Up to 4 credits
Materials			
MAT01 - Life cycle impacts	For most of our products, we have developed Environmental Product Declarations (EPDs), that provide environmental impact of a product on its whole lifecycle, from cradle to grave. Our EPDs are set up according to EN 15804 and meet the requirements set out in the BREEAM manual.	Product-specific EPDs available in the <a href="#">Download center</a> .	Up to 1 credits

MAT03-Responsible sourcing of construction products	All our production sites are ISO14001 certified, an evidence of responsible environmental management. Ecophon has taken several commitments to foster sustainable resource extraction, including adherence to UN Global Compact and ISO26000 certification.	ISO14001 certifications in the <a href="#">download center</a> . All details are available in our CSR report (GRI / UN Global Compact / ISO 26000) in the <a href="#">download center</a> .	Up to 3 credits
MAT05 - Design for durability and resilience	Our products have been created to last much longer than the building lifetime. Ecophon panel coatings are designed to be easily cleaned and to preserve their original visual appearance.	We have developed guidelines for the care and use of our tiles to extend the life of our systems, while maintaining their visual, hygienic and functional properties. Available on the product pages.	Up to 1 credit
MAT06- Material efficiency	As Ecophon's sound absorbers are very effective, you do not need to complete your acoustic ceilings with other absorbers to achieve good acoustics. In addition, Ecophon products can be ordered in sized tailored to your project, to avoid cut-off waste. Finally, at the end-of-life, the components of our products can easily be separated into fractions to facilitate recycling. Our glass wool ceilings are 100% recyclable.	Product data sheet Guidelines for the care and use of our tiles.	Up to 1 credit
<b>Waste</b>			
WST01 - Construction waste management	Ecophon ceiling tiles can easily be dismantled and re-used. The tiles are recyclable and there is a take back scheme in selected countries, where the tiles are recycled into new building materials. The low weight of glass wool decreases the waste weight per square meter. The grids can be recycled as scrap metal.	Description of diversion strategy.	Up to 3 credits
WST02 - Recycled aggregates	Ecophon products have a high post-consumer recycled content level, calculated according to ISO 14021. All our products contain minimum 34% post-consumer recycled content, but this share is higher for most products.	Declarations of recycled content of product families are available in the <a href="#">Download center</a> .	Up to 1 credit
WST06 - Functional adaptability	Ecophon ceiling tiles can be easily dismantled and cut to be adapted to a new use.	Product data sheet Installation guides.	Up to 1 credit
<b>Innovation</b>			
INN01 - Innovation	Exemplary level of performance in existing BREEAM issues: Ecophon can contribute to credits for Hea02 Indoor air quality and Mat01 Life cycle impacts. Approved innovations: Ecophon offers psycho-acoustic studies where we let building occupants answer a series of questions. Based on the answers, we then recommend the most appropriate acoustic solutions.	Product data sheet EPDs available on the <a href="#">download center</a> .	Up to 2 credits