

Better air, better you

Improve acoustics and indoor air quality with Ecophon



Ecophon[®]
SAINT-GOBAIN

A SOUND EFFECT ON PEOPLE

It is clear

— indoor air quality matters

People are paying more attention to the indoor environment than ever before. This trend is evidenced by increasingly stringent regulations on the products used in construction and the widespread use of green building certification schemes and labels.



All these factors affect our indoor environment:

- Indoor air quality
- Thermal comfort
- Acoustics
- Visual or lighting quality

Ecophon lives and breathes acoustic solutions, but did you know that our products also are good for a healthy indoor air quality.

What is Indoor Air Quality and why does it matter?

Considering that we spend about 90% of our time indoors these days, it's worth paying attention to indoor air quality. It impacts our health, and tougher emission regulations are being developed. For these reasons,

manufacturers of interior construction products are continuously striving to improve their products by reducing or eliminating volatile organic compounds (VOCs) and other chemicals.

What causes indoor air pollution?

The sources of pollution in buildings include the outdoor air, people and their on-going activities, Ventilation and Air conditioning systems and the materials used in the interior construction and furniture.

When it comes to interior construction, certain materials emit VOCs into the air. Such emissions can continue over periods of weeks or years, with long-term adverse effects on air quality. One of the key ways you can improve indoor air quality is therefore to choose construction materials with the lowest possible emissions.

Our ever-growing sound effect on people

Ecophon — a good choice for a healthy indoor environment



Addressing the root cause

The emission levels of Ecophon products have always been far below the legal limits. Now, thanks to the introduction of our 3rd generation glass wool with plant-based binder, we've taken another important step forward. Our glass wool has no added formaldehyde, and consequently very low emission levels.

Ecophon does not use scavengers or other chemicals to take away or bind the formaldehyde. Instead, we focus on the continuous improvement of our production processes and raw materials to minimize emissions.

We are doing our part,
now it is up to you

We develop low-emitting acoustic products and make them available to the construction industry across the world. This is our contribution to reducing indoor air pollution. As an architect you can specify low-emitting products; as a property owner you can ensure that low-emitting products are used in the buildings you own. In short, make your contribution to improving the everyday lives of end users.

If you have any questions about Ecophon, indoor air quality or our commitment to sustainability, please contact your local Ecophon representative or visit www.ecophon.com/IAQ.

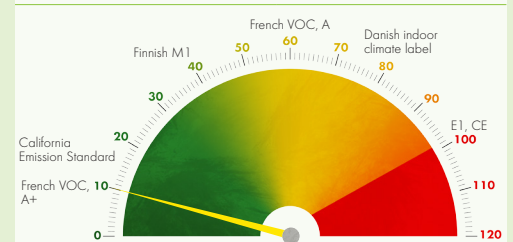
Regulations and certifications

Ecophon products comply with California's emission regulations. Our 3rd generation glass wool product range has French VOC A+ or French VOC A. [A+ is currently the highest level of certification for formaldehyde emissions with a limit of 10 µg/m³]. If you plan to certify your building according to a green building certification program such as LEED, BREEAM, DGNB, HQE, we provide all the necessary documentation.



California Emission Regulation, CDPH

Comparison of formaldehyde levels in the regulations and certifications



Label/System	Concentration prEN16516 standard room [µg/m ³]
A+, The French regulation on VOC emissions	<10
California Emission Standard	<15
M1, The Finnish Emission Classification of Building Material	<40
A, The French regulation on VOC emissions	<60
Danish indoor climate label	<75
E1, CE marking	<99

96%

of Ecophon 3rd generation glass wool products have French VOC A+.



A SOUND EFFECT ON PEOPLE

Ecophon dates back to 1958, when the first sound absorbers from glass wool were produced in Sweden to improve the acoustic working environment. Today the company is a global supplier of acoustic systems that contribute to good room acoustics and a healthy indoor environment with the focus on offices, education, health care and industrial manufacturing premises. Ecophon is part of the Saint-Gobain Group and has sales units and distributors in many countries.

Ecophon efforts are guided by a vision of earning global leadership in room acoustic comfort through sound-absorbing systems, enhancing end-user performance and wellbeing. Ecophon maintains an ongoing dialogue with government agencies, working environment organisations and research institutes, and is involved in formulating national standards in the field of room acoustics where Ecophon contributes to a better working environment wherever people work and communicate.

www.ecophon.com



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