

CENBRIT

Cembrit Facade.
Positive impact on
your international
LEED project.



Choose Cembrit in your sustainable building

LEED is a voluntary American sustainability certification scheme for buildings. It is comprehensive, flexible and applicable to buildings at any stage in their life cycles.

Cembrit Facade products are evaluated in 8 categories; Location and Transportation, Sustainable Sites, Water Efficiency, Energy and Resources, Indoor Environmental Quality, Innovation and Regional Priority.

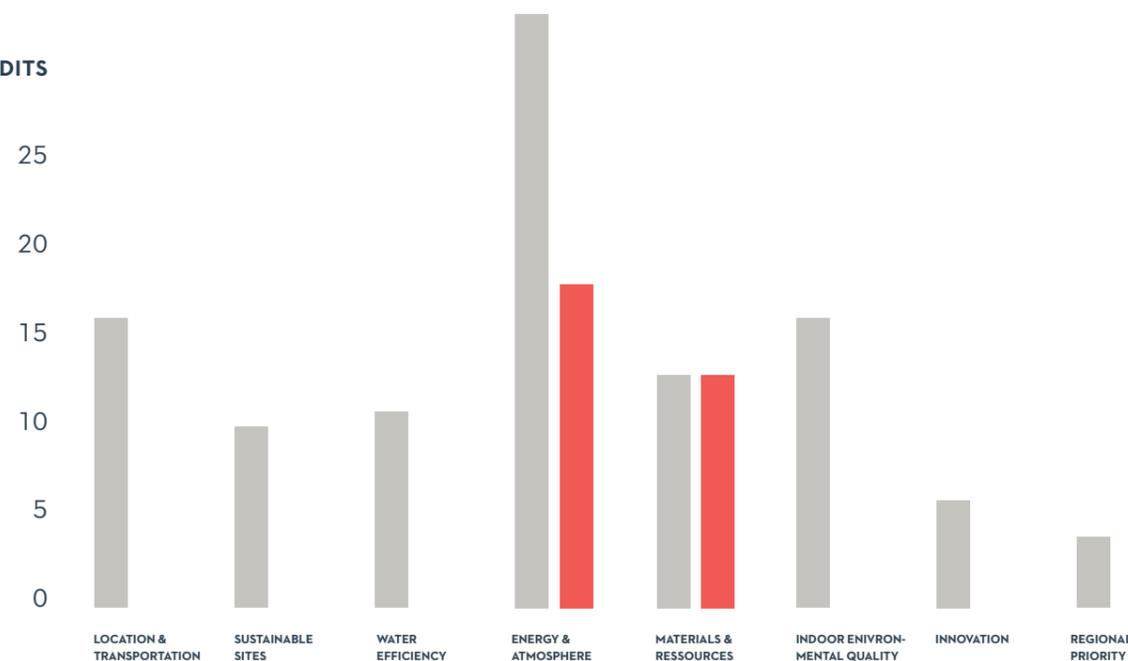
Construction products contribute to some of the categories, were as all categories are considered when looking at the overall building. Some criteria require product as well as project specific data.

Cembrit facade products contribute to the LEED International certification in the categories; Energy and Atmosphere and Materials and Resources.

Cembrit's contribution to these categories is based on our internal requirements to lower energy and water use, as well as recycling production waste and wastewater. Cembrit facade boards are designed for robustness and have high product lifetime. Our raw material composition gives an exceptionally strong and weather resistant building material.

LEED categories
Cembrit's positive impact

CREDITS



Contribution to LEED certification

ENERGY & ATMOSPHERE

Our facade products are part of a ventilated structure. The ventilation gap at the bottom of the construction, ensures that ventilation is possible throughout the facade, minimising temperature fluctuations in the outer wall. Sunlight and heat is ventilated away from the facade, and the natural ventilation behind the facade products minimises the risk of condensation.

These properties contribute to lowering energy consumption and environmental impacts while at the same time reducing costs for energy as well as operating costs in the building's lifetime. Our products are strong and unaffected from day-to-day impacts as well as highly resistant to most external conditions and impacts. Cembrit facade products are simply designed to withstand extreme weather conditions and last for decades.

MATERIALS & RESOURCES

The robustness of the boards combined with a weather resistant surface contributes to lowering the life cycle cost of the building envelope. If a board must be replaced, e.g. because of damage, Cembrit facade boards can be removed in a non-destructive way simply by removing the mounting screws and installing a new board.

At Cembrit, we constantly focus on reducing emission related impacts on the environment to keep consumption of non-renewable resources to a minimum across all stages of the building's life cycle. We can deliver data for the lifecycle assessment of a building through our 3rd party verified Environmental Product Declaration. The durability, robustness and long product lifetime helps building owners achieve low Total Life Cycle Costs (LCC) throughout the building's lifetime with no aftercare.

Cembrit strive to be a socially responsible company in relation to effects on nature and on local and global communities from business activities. Cembrit do not use forced labour nor do we make use of child labour in any of our operations.

We report our environmental impact from extraction, operations and activities associated with our product and the product supply chain. Our Code of Conduct outlines a set of principles and minimum standards regarding ethical behaviour and social responsibility.



Cembrit facade products are maintenance-free, and the thin facade enables an energy efficient design.



Cembrit facade boards have a life time of 40-60 years, contributing to a low Total Life Cycle Cost (LCC).

All cement and mineral fillers are extracted locally and delivered directly to Cembrit factories. The cellulose in Cembrit facade boards is FCS certified wood fibres from either pine or spruce.

Our products do not contain hazardous nor substances listed in the 'Candidate List of Substances of Very High Concern for Authorisation'. In addition to this, Cembrit has performed leaching tests to confirm the low risk which our facade boards pose to the local environment during their lifetime as well as living up to the current REACH policies. Cembrit facade products are non-combustible with a reaction to fire class A2-s1, d0.

Cembrit facade products can easily be removed, separated from other materials, sorted, recycled or even reused with the highest possible quality of reuse and recycling – and thereby avoid sending the products to landfill.



Siemens Headquarter, Kv Dalen, Finspång, Sverige
LEED rating: Gold



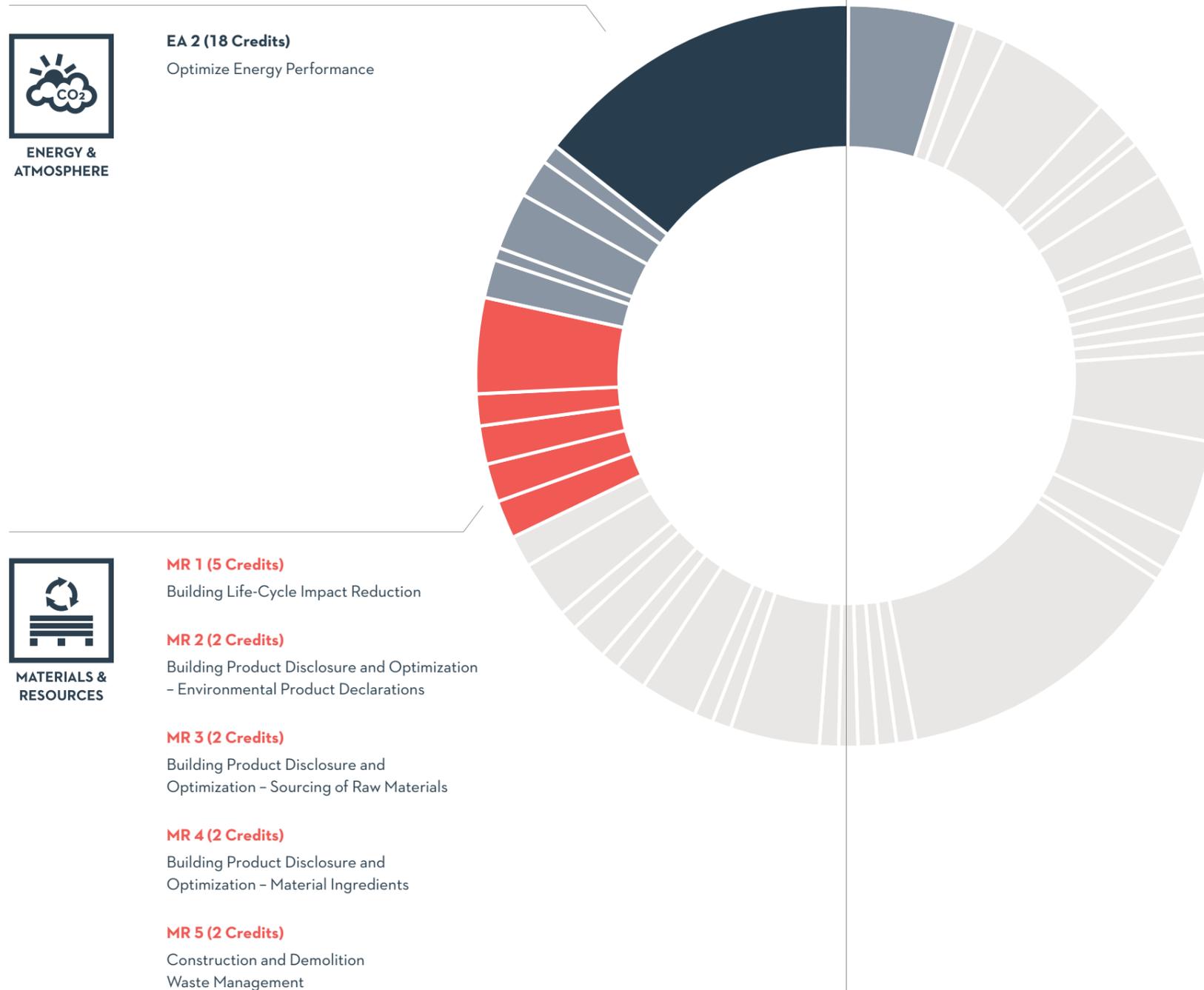
Construction year: 2012
Cembrit product: Cembrit Patina
Original & Cembrit Solid

The sustainable office of the future, Siemens' new office 'Dalen' in Finspång is built with a focus on sustainability and flexibility, certified as LEED Gold.

Cembrit delivered Cembrit Patina Original and Cembrit Solid boards in three different colours, cut into long tiles. Creating a shift in the length of the building, gives a modern and high-tech design.

The concept has been to create a building with a focus not only on functionality, cost efficiency, quality and flexibility but also sustainability.

Cembrit facade products – criteria impact



LEED International for building design and construction scheme provides a 3rd party green building certification assessment, flexible and applicable to buildings at any stage in their life-cycle. New construction, the ongoing operations and maintenance of an existing building and a significant tenant retrofit to a commercial building are all addressed by LEED rating systems.

Cembrit facade boards positively impact the highlighted criteria according to the LEED International manual for building design and construction, 2013. Credits in LEED are optional strategies or elements that projects can pursue to gain points towards LEED certification. Each credit is based on environmental impacts and human benefits of the building-related impacts that is addressed.

Positive Impact.

Cembrit facade products will positively impact up to 31 credits of the overall score in a LEED International project. Credits available for a LEED International project are assessed individually for each project.

CEMBRIT

www.cembrit.com

Please visit the local website for contact details and further information.

Cembrit is one of the leading European manufacturers of multi-capability fibre-cement building products. Our products and solutions add exciting new design opportunities for moulding attractive, durable settings for people's lives. But Cembrit is more than mere products. We also help make all kinds of design and construction projects easier - as well as more profitable, inspiring and effective. For us, all construction also involves building relations with people, making your day better, and helping you make the day better for others. Making it a day to remember.