

CEMBTRIT

Cembrit Build & Indoor.
Positive impact on
your international
LEED project.



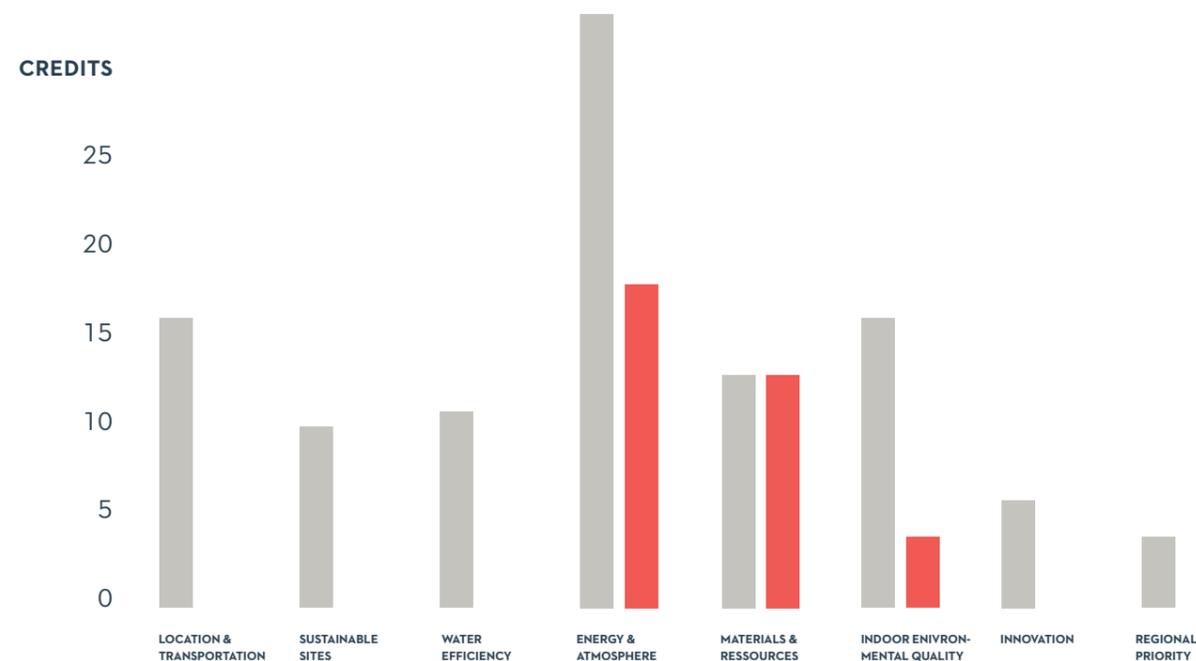
Choose Cembrit in your sustainable building

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 build and indoor products are evaluated in 8 categories; Location and Transportation, Sustainable Sites, Water Efficiency, Energy and Atmosphere, Materials and resources, Indoor Environmental Quality, Innovation and Regional Priority.

Construction products contribute to some of the categories, and a building in its entirety is assessed in relation to all categories. Some criteria require product as well as project specific data

LEED categories
Cembrit's positive impact



Cembrit build and indoor products contribute to the LEED International certification in the categories; Energy and Atmosphere, Materials and Resources and Indoor Environmental Quality.

Cembrit's contribution to these categories is based on our internal requirements to lower energy and water use, recycling production waste and wastewater as well as meeting the requirement for an environmental friendly indoor product. Cembrit build and indoor boards are designed for robustness. The raw material composition makes the fibre cement boards a light weight and exceptionally strong and durable product.

Contribution to LEED certification

ENERGY & ATMOSPHERE

Cembrit build products contribute to the quality of the building envelope. Thanks to the fibre reinforcement, our build products are exceptionally thin and light weight in relation to the strength of the products.

When using Cembrit build products as part of the construction, the building envelope is ventilated through an opening at the bottom of the products, which ensures that unobstructed ventilation is possible throughout the facade. These properties contribute to less energy consumption and environmental impacts in combination with reduced costs for energy use.

Cembrit Windstopper products have a very low vapor transmission resistance enabling moisture from inside the building to pass through.

MATERIALS & RESOURCES

At Cembrit, we continuously 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. The durability, robustness and long product lifetime helps building owners achieve low total Life Cycle Costs (LCC) throughout the building's lifetime with less or no aftercare. We deliver data for the Life Cycle Assessment (LCA) of a building through our 3rd party verified Environmental Product Declaration.

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 build and indoor boards do not contain hazardous substances. All main raw materials used in the production, are documented and supervised through testing. Our products do not contain substances listed in the 'Candidate List of Substances of Very High Concern for Authorisation', and are living up to the current REACH policies.



Cembrit focus on production with low energy consumption and environmental impacts.



Cembrit build and indoor products are produced with FCS certified wood fibre from either pine or spruce.

Cembrit build and indoor boards have a life time of 40-60 years, contributing to a low Total Life Cycle Cost (LCC). The composition of fibres and cement-based materials provides a unique combination of lightness, technical performance and exceptional strength and a product that is remarkably robust and durable. Our build and indoor products are non-combustible with a reaction to fire class A1 for indoor products and A2-s1, d0 for build products.

Cembrit build and indoor boards can easily be removed in a non-destructive way, 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.

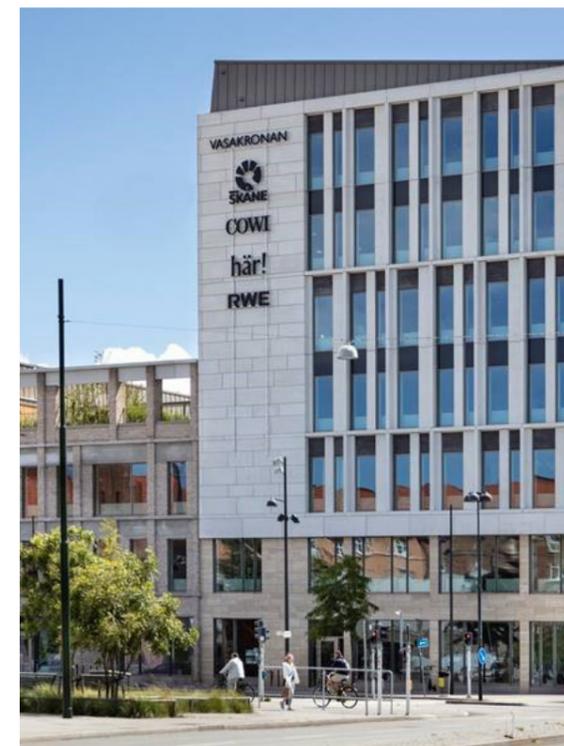
INDOOR ENVIRONMENTAL QUALITY

The combination of high density and stiffness provides high sound insulation performance between rooms. It also provides e.g. workspaces and classrooms that promote occupants' well-being, productivity and communication through the effective acoustic design.

Our indoor products are classified as a low-emitting building material, documented in a M1 certification – a classification which sets limit values for the emission of VOC, formaldehyde and ammonia. It also sets limit values for chemical emission and odour deriving from the product into the indoor air.



Cembrit build and indoor products are produced without hazardous substances.



Vasakronans Priorn, Malmö, Sweden.
LEED rating: Platinum

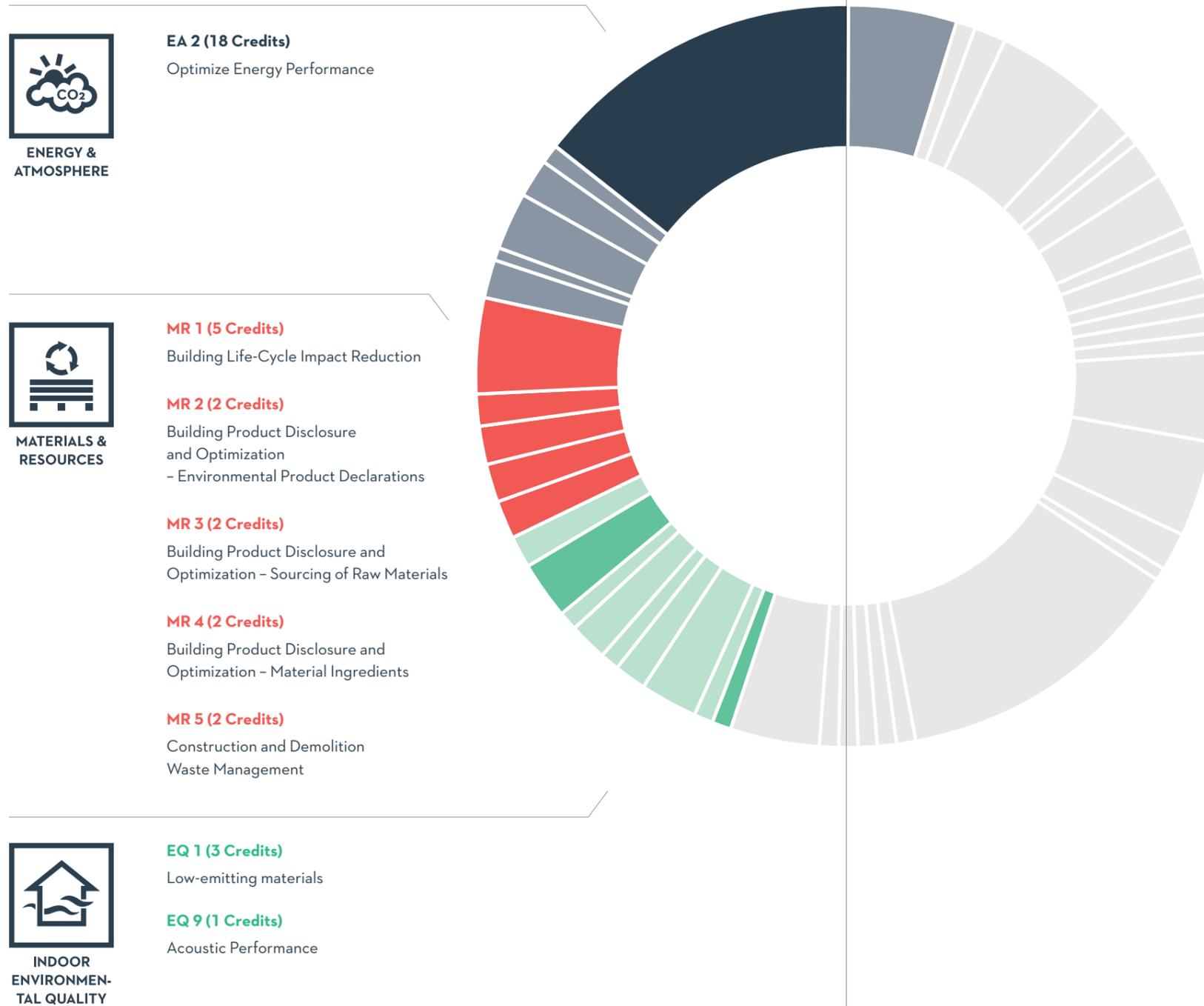


Construction year: 2019
Cembrit product:
Cembrit Windstopper Extreme

The vision in the Priorn building, located near the Triangle station in Malmö, is a centre created based in the vision to build with the highest environmental class and certified according to LEED Platinum.

One of the focus' in the project, was choosing environmental friendly materials. Cembrit delivered Cembrit Windstopper Extreme as part of the construction structure.

Cembrit building and indoor products – criteria impact



The LEED International scheme for building design and construction provides a third party green building certification assessment that is flexible and applicable to buildings at any stage in their life cycle. New construction, ongoing operations, maintenance of existing buildings as well as comprehensive tenant retrofits of commercial buildings are addressed by LEED rating systems.

Cembrit build and indoor products positively impact the highlighted criteria in accordance with 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 the environmental impacts and human benefits of the building-related impacts that are addressed.

Positive Impact.

Cembrit build and indoor products will positively impact up to 35 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.