

EA Credit 1: Optimize Energy Performance

Walls and especially ceilings with a high thermal mass, similar to our fiber-gypsum core, can even out daily fluctuations in room temperature caused by external temperature changes. These energy savings regarding heating or cooling of the building can contribute to points. The credit awarding system differs for new and existing buildings.

EA Credit 1: Optimize Energy Performance

High light reflecting walls and ceilings improve the overall lightning conditions and reduce the need of indirect and artificial light sources. By using light and glossy surfaces the total building energy use can be improved and can contribute to gaining points. The credit awarding system differs for new and existing buildings.

MR Credit 1.2: Building Reuse - Maintain Interior Nonstructural Walls and Ceilings

The Gustafs Panels can be used to cover existing walls and ceilings. By reusing at least 50% of non structural elements, 1 point can be gained.

MR Credit 2: Construction Waste Management

All our panels can be recycled or salvaged. A total of 50% gives 1 point, 75% contributes with 2 points. Gustafs can supply cut-to-size and ready to use panels reducing waste to a minimum. When we carry out the installation, we can offer a full redirection of waste, back to the manufacturing process. Gustafs panels can not cover 50-75% of the construction debris, so they must be combined with other materials to achieve this credit.

MR Credit 3: Materials Reuse

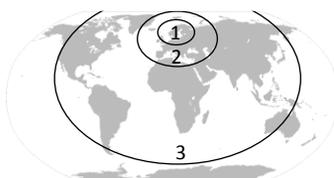
Due to the life time expectancy and the demountable feature, all our panels can be relocated in new constructions or renovation projects. 1 point can be earned by reusing 5%, 2 points by reusing 10% of the total material costs, calculated to new replacement value.

MR Credit 4: Recycled content

Gustafs Panels contain recycled raw materials. 77% is pre-consumer and 17% is post-consumer. 1 or 2 points can be earned depending on the choice of materials and to what extent that the builder decides to use them.

MR Credit 5: Regional Materials

For projects within a certain distance from Gustafs, Sweden, our panels can contribute to 2 points. This is providing that 20% in total cost of all used materials are regional. Regional means manufactured within 800 km when transported by truck, 2400 km by train and 12000 km by sea (see the approximate map).



- 1. Truck
- 2. Train
- 3. Sea

MR Credit 6: Rapidly Renewable Materials

A project can earn 1 point by using 2,5% rapidly renewable materials. This can be achieved by using for example Bamboo or Banana Leaf veneers as a surface for our panels in the contribution of renewable materials. Since our product is a composite assembly of materials, use only the value of the veneer.

MR Credit 7: Certified Wood

Gustafs Panels use FSC certified wood veneer and can help to achieve this 1 point credit. In total 50% FSC certified wood, based on costs, needs to be used in a permanent way. Since this product is a composite assembly, use only the value of the veneer.

IEQ Credit 3.1: Construction Indoor Air Quality Management Plan – During Construction

Our absorptive materials are protected from moisture damage during the on-site storage and can contribute to achieve this 1 point credit.

IEQ Credit 3.2: Construction Indoor Air Quality Management Plan – Before Occupancy

Gustafs panels have very low emissions with regard to Formaldehyde and VOC's. Consequently the panels will provide the best possible conditions to achieve an indoor air quality that guarantees the comfort and well-being for construction workers and building occupants alike. Gustafs can contribute to earning 1 point.

IEQ Credit 4.1: Low-Emitting Materials – Adhesives and Sealants

The standard installation for Gustafs panels is carried out mechanically using the Gustafs CAPAX fixtures. In exceptional situations adhesives or sealants that may be used, are declared non-odorous/irritating and harmless. The Gustafs panel system can contribute to achieve this credit, worth 1 point.

IEQ Credit 4.4: Low-Emitting Materials – Composite Wood and Agrifiber Products

All our interior panel substrates and other millwork products contain no added urea-formaldehyde resins and meet the LEED requirements for this credit.

LEED for Schools

EQ Credit 4, option 6: Low-Emitting Materials

Gustafs acoustical ceiling systems and wall coverings will meet the low-emitting requirements for VOC emissions.

EQ Credit 9: Enhanced Acoustical Performance in Schools

The acoustical absorbing and transmission qualities of Gustafs Panels can contribute with 1 point. This can be attained by limiting the unoccupied background noise to below 40dB(A) in combination with core walls for learning environments rated with the minimum sound transmission class per room.