

Soft Cells and LEED accreditation

Thanks to their sustainability-focused design, Soft Cells support accreditation under the Leadership in Energy and Environmental Design (LEED) green building certification system when used as a building component.

The LEED system evaluates every aspect of the construction process and building components used in new and existing buildings: the main emphasis is on energy efficiency, conservation and the overall “health” of the building. The use of sustainable products, such as Soft Cells, contributes favourably to the overall rating of a building.

The information below highlights the LEED credits, which can be gained by using Soft Cells. It is relevant to the following standards:

LEED-NC CREDITS (Based on LEED-CI Version 3, 2009)

LEED-Commercial Interiors CREDITS (Based on LEED-CI Version 3, 2009)

Energy and Atmosphere (EA)

EA Credit 1: Optimise Energy Performance

Whether used on walls or ceilings, Soft Cells Thermal distribute heat and cooling more efficiently. As a result, they can be used to reduce energy consumption.

Materials and Resources (MR)

MR Credit 2: Construction Waste Management

The Soft Cells manufacturing process has been designed to minimise environmental impact: materials are cut to size and all the waste aluminium from manufacturing is recycled.

In addition, the modular design of Soft Cells makes it easy to recycle the different components.

MR Credit 3: Material Reuse

Built to last, Soft Cells can easily be taken down, reassembled and reupholstered to meet changing requirements. As a result, Soft Cells aluminium frames can be moved and re-used as often as required: they last for years.

MR Credit 4: Recycled Content

As many recyclable and renewable materials as possible are used in the manufacturing of Soft Cells. Over half the aluminium used in the frames comes from recycled materials.

The content of recycled material in the fabric depends on the specific product – information is available on request.

MR Credit 5: Regional Materials

Credit can be gained if the relevant Soft Cells are delivered to a location within a 500-mile (800km) radius of the Soft Cells manufacturing facility.

MR Credit 6: Rapidly Renewable Materials

To be classified as a rapidly renewable material, the harvest cycle must take 10 years or less. Soft Cells wool textiles have a harvest cycle of just one year. This process does not harm the sheep at all.

As a result, Soft Cells wool fabrics can be combined with other interior furnishings and finishes to achieve credit.

Indoor Environmental Quality (IEQ)

IEQ Credit 3.1: Construction Indoor Air Quality (IAQ) Management Plan – During Construction.

Soft Cells are manufactured to exact dimensions and are fitted with clip-on installation fittings. This eliminates the need for on-site drilling or cutting of the frames.

IEQ Credit 3.2: Construction IAQ Management Plan – Before Occupation.

Please see IEQ Credit 3.1 above

Innovation in Design (ID)

ID Credit 1: Innovation In Design

An Innovation Credit for acoustics can be gained by demonstrating that the acoustic performance of the building enhances health and productivity.

LEED for School Credits

(Based on LEED-CI Version 3, 2009)

The LEED accreditation standards for schools are higher than for other buildings. Soft Cells meet, and in many cases, exceed these demanding requirements.

Indoor Environmental Quality (IEQ) Prerequisite 3: Minimum Acoustical Performance

Versions of Soft Cells with a Noise Reduction Coefficient of 0.70 or higher meet this acoustic standard.

IEQ Credit 9: Enhanced Acoustical Performance

Soft Cells can be used to achieve superior acoustic performance in a variety of rooms. For example, they can be used to meet ANSI standard S12.60 -2002 (Annexes B-D 40dBA, 35dBA).

In fact, using Soft Cells any recommended reverberation or Sound Transmission Class can be reached.

Achieving a high level of acoustic performance may also qualify for an Innovation & Design Credit.