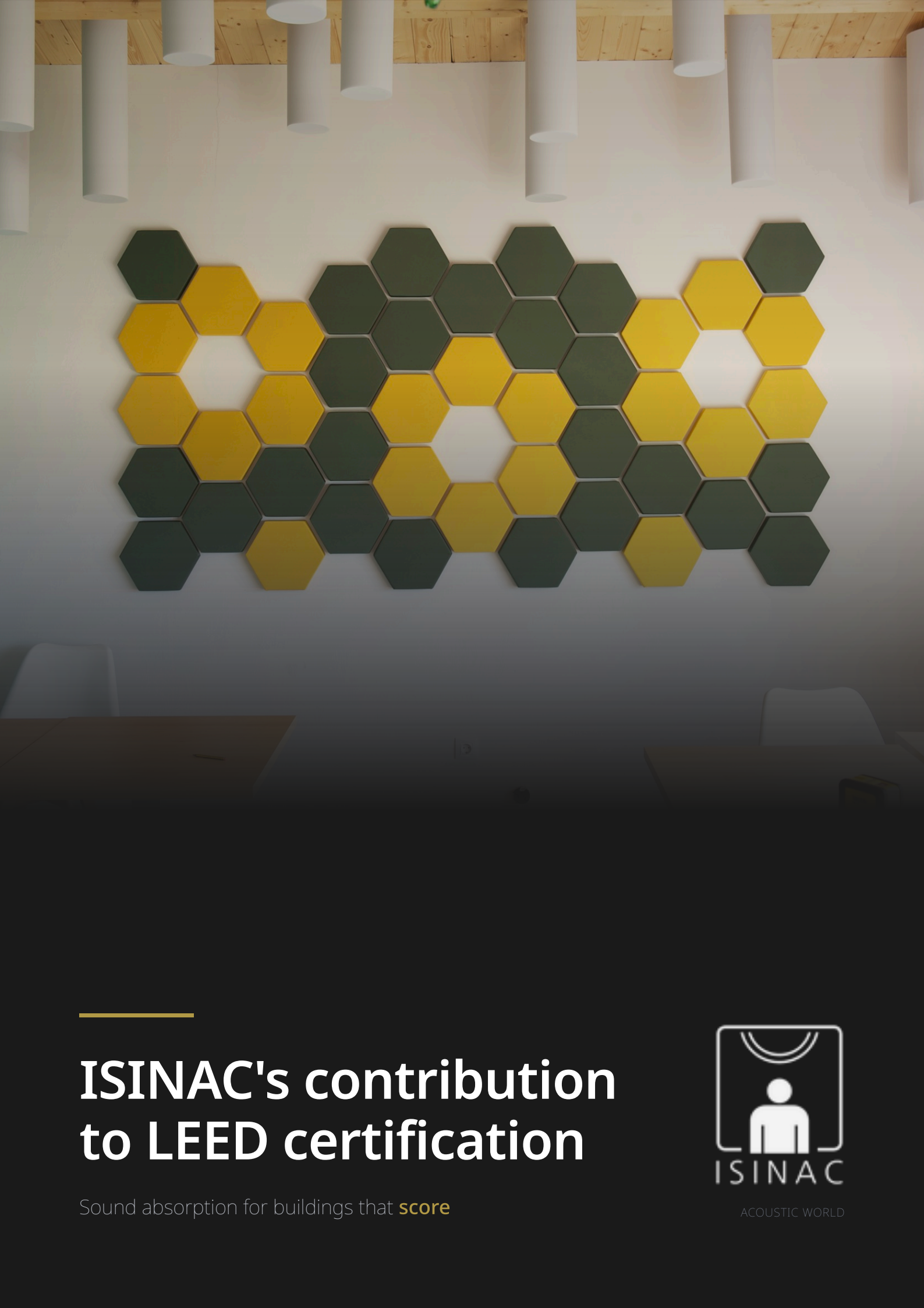




ISINAC's contribution to LEED certification

Sound absorption for buildings that **score**



ACOUSTIC WORLD

The building is certified. The product makes it possible.

LEED is the green building rating system of the **U.S. Green Building Council**, the most widely used in the world. It assesses the whole project —energy, water, materials, air quality, comfort— and scores it out of 110.

The **materials** and **indoor environmental quality** credits are not earned with good intentions: they are earned with third-party verified documents, one for each product installed. The project team compiles them, the GBCI reviewer checks them.

That is exactly where ISINAC comes in. An absorbing panel is listed in the official eligible categories of the materials credit —*Walls and Ceilings*— and the low-emitting credit literally mentions *acoustical ceiling panels*.

This document sets out, credit by credit, **what ISINAC contributes and the paperwork that proves it**, so the project team can use it without having to ask us for anything else.

LEED level	Points
Certified	40 – 49
Silver	50 – 59
Gold	60 – 79
Platinum	> 80

Two versions coexist

Projects registered up to **30/06/2027** may use **LEED v4.1**. From that date, new registrations go to **LEED v5**. ISINAC supplies documentation for both.



ISINAC C.610 panels on the ceiling. Actual installation.

What does ISINAC contribute to LEED certification?

With ISINAC acoustic solutions, the project team can document **seven credits** across **four LEED categories**.

4

LEED categories
Materials · Environmental Quality
Integrative Process · Priorities

7

documented credits
in LEED v5 and v4.1

30

achievable points
in interiors (ID+C)
25 in new construction (BD+C)

Of those 30, **up to 20 are documented with ISINAC product paperwork** (environmental declaration, indoor air certificate and acoustic test reports). The **remaining 10** —Integrative Process and Project Priorities— depend on how the team works: ISINAC supplies the product, the calculation and the technical file, and they are documented with the project on the table.

What ISINAC puts on the table

- **Environmental Product Declaration** Type III, verified by an independent third party and published — **EPD-IES-0033394:001**
- **Indoor Advantage™ Gold** SCS-IAQ-11186, emissions to CDPH v1.2
- **33 sound absorption tests** in a reverberation room to EN ISO 354, ENAC-accredited laboratory
- **ISO 14001 and ISO 14006** — environmental management and *ecodesign*
- **6 Declarations of Performance** for CE marking
- **Own product, protected:** European patent application, utility model and industrial design



Beveled edge. Mineral foam with ILUCS.

And what the project puts in

The point is earned by the building, not by the panel. The project team supplies the purchase calculation by category, the building LCA, the acoustic design and the actual quantities installed.

ISINAC delivers free of charge the contribution letter with the project number, the sound absorption coefficients per octave band, the absorbing area calculation for each room and the machine-readable indicators Excel.



43 colors made exclusively for ISINAC. Variable geometry: squares, hexagons, triangles and bespoke shapes.

Materials and Resources

What the product declares, and who verified it

Our contribution	Points	ISINAC documentation	Credit
Type III Environmental Product Declaration to ISO 14025 and EN 15804+A2, product-specific — not sector-wide—, individually verified by a third party and published in The International EPD System. Being so, it counts as 1.5 products of the 20 the credit requires.	1–2	EPD-IES-0033394:001 Public record at environdec.com PDF in Spanish and English	MRc2 Building Product Disclosure and Optimization — EPD LEED v4.1 BD+C
The same declaration scores in LEED v5, where the EPD counts on its own : it earns score 1 in Climate Health and 1 in Multi-Attribute of the official document table. In interiors the credit is worth twice what it is in new construction.	5–10	EPD-IES-0033394:001 Machine-readable indicators Excel	MRc4 Building Product Selection and Procurement LEED v5 BD+C and ID+C
The EPD supplies the embodied carbon broken down by life cycle stage (A1-A3, A4, A5, B2, C2, C4), which is the input data the building LCA needs. 9.64 kg CO₂ eq/m² installed, in production (A1-A3, GWP-GHG).	4–8	EPD, table of indicators Machine-readable Excel	MRc2 Reduce Embodied Carbon LEED v5 BD+C and ID+C
The ILUCS holds the Indoor Advantage™ Gold certificate from SCS Global Services, which certifies low volatile organic compound emissions to the CDPH/EHLB Standard Method v1.2-2017 (CA 01350) .	1–4	Certificate SCS-IAQ-11186 Covers ILUCS and IZZER	MRc3 Low-Emitting Materials LEED v5 BD+C and ID+C
The panel is cut and bonded in Braga (Portugal) and finished and packed in Vigo (Spain) . On sites less than 160 km from either plant, the proximity leverage doubles the value of the product in the calculation.	×2	EPD, "Manufacturing process" and plant location	MRc2 option 1, proximity leverage LEED v4.1

The points shown are indicative and refer to the maximum of the credit for which ISINAC supplies documentation. LEED certification is awarded to the building, not to the product: the credit is earned by the project depending on its quantities, its calculation and the rest of the materials installed, and it is the GBCI reviewer who decides. ISINAC does not guarantee that certification will be obtained. The scope of EPD-IES-0033394:001 is the 40 mm adhesive panel with ILUCS; for the rest of the catalog references, ask us for the applicable documentation.



Indoor Environmental Quality

What you hear and what you breathe inside the building

Our contribution	Points	ISINAC documentation	Credit
ISINAC panels are the physical means of meeting the reverberation time and speech intelligibility targets the credit requires. The range reaches $\alpha_w = 1.00$ — class A to EN ISO 11654, with tests in a reverberation room carried out by Tecnalia , a laboratory accredited by ENAC and signatory to the ILAC MRA.	1-2	33 EN ISO 354 test reports α_p coefficients per octave band Reverberation calculation per room	EQc2 Occupant Experience, option 4 "Sound Environment" LEED v5 BD+C and ID+C
The finish fabric holds Indoor Advantage™ Gold (SCS), which certifies low VOC emissions under the CDPH v1.2 method, modeled as <i>wallcovering, pupil seating and office seating</i> .	1-4	Certificate SCS-IAQ-11186	MRC3 Low-Emitting Materials (counts under Materials)

The manufacturer's backing

It does not score in the LEED table, and the project asks for it all the same

ISO 14001 · ISO 14006 Environmental management and ecodesign certified by Bureau Veritas. No. ES163483 and ES163477, valid until 25/05/2029.	CE marking 6 signed Declarations of Performance, with reaction to fire classified to EN 13501-1.	OEKO-TEX® Standard 100 On the fabric (11-43686) and on the mineral foam.
Trevira CS® Certified brand flame-retardant fabric, with the trademark contract in force.	REACH · PFAS · formaldehyde Supplier declarations on substances of high concern. The EPD confirms that no substances from the SVHC list are used.	Airborne sound insulation 4 EN ISO 10140-2 tests at Tecnalia, for when the panel acts as a separating element.

The points shown are indicative and refer to the maximum of the credit for which ISINAC supplies documentation. LEED certification is awarded to the building, not to the product. In the sound credit, the point depends on the acoustic design of the project: ISINAC supplies the physical means and the calculation, and the target is set by the designer or the acoustic consultant. The certifications listed as manufacturer's backing do not appear in the LEED v5 table of scoring documents and do not count on their own: they are supplied because project specifications usually require them.

Integrative Process

At the table from predesign, not at the end

Our contribution	Points	ISINAC documentation	Credit
The credit rewards deciding early and as a team. ISINAC comes in at predesign stage: it calculates the reverberation time of each room, proposes the absorbing area needed and supplies the coefficients for the acoustic consultant's model, before the project closes finishes. The range has 33 configurations with their own test report—thicknesses from 15 to 140 mm and square, hexagon, triangle, baffle, curtain and stretched fabric geometries—, so the acoustic target is adjusted by changing reference, not by redoing the design.	1	Reverberation calculation per room α_p coefficients per octave band Technical and layout files	IPc1 Integrative Design Process LEED v5 BD+C and ID+C

Project Priorities and Innovation

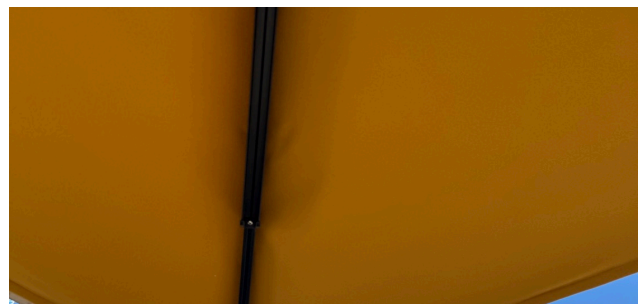
What is not in the rulebook, and counts all the same

Our contribution	Points	ISINAC documentation	Credit
ISINAC does not resell: it develops its own product and protects it. The outdoor sound absorption solution ABSORBRELLA is the subject of a European patent application, whose European Search Report was issued with no objection at all. The <i>Innovative Strategies</i> path of the credit asks for exactly that: "significant, measurable environmental performance using a strategy not addressed in LEED". Acoustic treatment of outdoor spaces is not in the rulebook. ISINAC drafts with the team the intent, the requirements and the deliverables the credit requires, and supplies the test that backs the figure.	1–9	European patent EP25382476.7 "Cover with acoustic insulation" Utility model ES 202431014 Industrial design ES 0534216 ISO 354 test + annex E ISO 20189	PRc1 Project Priorities via <i>Innovative Strategies</i> LEED v5 BD+C and ID+C (in LEED v4.1 this category was called <i>Innovation</i> and was worth up to 5 points)

Why this is not decoration

The Project Priorities credit has **the widest reach in LEED v5**: nine points, more than the environmental declaration and indoor air together in new construction. And it is the only one that rewards doing something the system does not yet address.

A manufacturer that only distributes cannot get in here. One that patents can.



ABSORBRELLA, acoustic parasol. A Coruña.

The points in these two categories **are not documented with product paperwork alone**: they depend on how the team organizes the design process and on which innovation strategy the USGBC accepts. European patent EP25382476.7 is **pending**: it has a European Search Report with no objections and no decision to grant has been issued yet.



Behind every figure there is a test

No figure in this document is an estimate. They all come from an accredited laboratory report or from a certificate issued by an independent third party.

Acoustic performance — selection from the range

Product	α_w	EN ISO 11654 class	Test report
ISINAC WB High Performance 140 mm	1.00	A	Tecnalia 110259-7 · 27/05/2024
ISINAC HYBRID trapezoidal	1.00	A	Tecnalia B2019-LACUS-IN-83 I · 26/11/2019
ISINAC CURTAIN ILUCS 4 layers	1.00	A	Tecnalia B2019-LACUS-IN-54 V · 14/05/2019
ISINAC WB ILUCS 33 mm	1.00	—	Tecnalia 110259-5 · 23/02/2024
ISINAC C.610.60 adhesive	1.00	—	Tecnalia 110259-1 · 23/02/2024
IZZER COVER 40 mm (removable fabric)	0.90	—	Tecnalia B2021-LACUS-IN-146-3 · 04/06/2021
ISINAC C.610.40 ILUCS adhesive	0.85	—	Tecnalia B2018-LACUS-IN-27 II · 26/07/2018

Reverberation room tests to EN ISO 354. The full report and the α_p coefficients per octave band (125 – 4,000 Hz) are supplied on request. The class is stated only when the test report declares it.

Laboratory and accreditation

Tecnalia (Donostia · San Sebastián). Accredited by **ENAC** and signatory to the **ILAC MRA**, which makes its reports internationally recognized.

33 tests of sound absorption and **4** of airborne sound insulation on ISINAC product, between 2018 and 2024.

Traceability of the declaration

The Life Cycle Assessment was carried out by **Abaleo S.L.** with the **Ecoinvent 3.12** database and SimaPro, reference year 2025. The independent verification was signed by **Elisabet Amat Guasch** (GREENIZE PROJECTS), accredited by The International EPD System.

Published **06/08/2026**, valid until **05/08/2031**. Share of primary data: **16.12 %**.

What we deliver to the project team, free of charge

Project-specific contribution letter with the LEED project number · EPD in Spanish and English · indoor air certificate · machine-readable indicators Excel · sound absorption coefficients per octave band · absorbing area and reverberation time calculation for each room · CE marking Declarations of Performance.



That a building sounds good
can also be proven

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ISINAC ACOUSTIC WORLD S.L.U. · CIF ESB27853381 · EORI ESB27853381 · REX ESREX16563 · DUNS 468220358
Document for the project team: architect, interior designer, LEED AP and procurement manager.