

TECHNICAL DATA SHEET

Pleated hanging acoustic island IZZER

Suspended acoustic piece: IZZER slats, 100 % wool, 350 mm high, stapled under a 12 mm MDF board. It is hung from the ceiling with the board on top and the slats facing the floor.

α_W

0.90

weighted absorption

EN ISO 11654

Class

IZZER: C-s1,d0 · MDF: B-s1,d0

reaction to fire

EN 13501-1 (per material)

Thickness

362 mm (12 board + 350 slats)

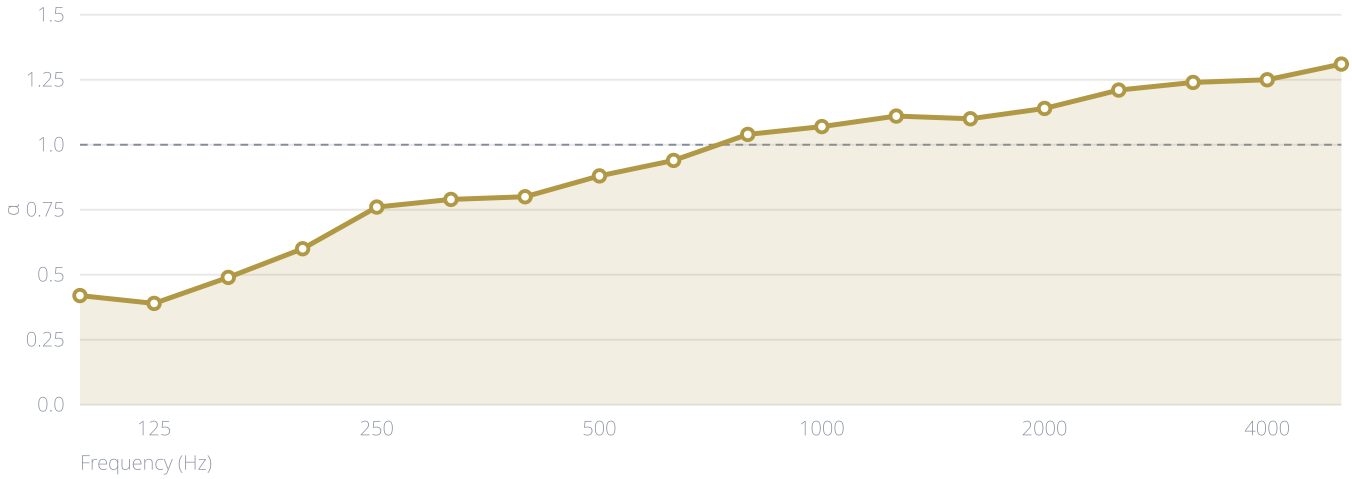
of the assembly





Acoustic absorption

Test in reverberation room according to EN ISO 354:2003 (αw according to EN ISO 11654:1997) · TECNALIA (Fundación TECNALIA R&I, accreditation ENAC 4/LE456), reverberation room of the Building Quality Control Laboratory of the Basque Government, Vitoria-Gasteiz · report 126374-2 (05/10/2026). 4 pieces of 1600 x 1220 mm placed at 2150 mm from the floor of the room, raised on wooden beams and metal supports, butt-jointed, with the MDF board on top and the slats of IZZER facing the floor; test surface 7.81 m². Date of the test: 10/09/2026. Laboratory reference of the test: ISINAC VORTEX



α_W 0.90

Weighted absorption coefficient, according to EN ISO 11654.
It is the single value used for specification.

HZ	125	250	500	1000	2000	4000
α_s	0.39	0.76	0.88	1.07	1.14	1.25

Absorption coefficient at reference frequencies, ready to be entered into the room reverberation calculation.

Reaction to fire

IZZER: C-s1,d0 · MDF: B-s1,d0

EN 13501-1 (per material) · IZZER: BTTG, Leeds (EN ISO/IEC 17025) · MDF: AFITI-LICOF (notified body 1168), ref. IZZER: 27/05749B/11/21 · MDF: 2802T14-2 (IZZER: 30/11/2021 · MDF: 30/01/2015)

Class of each material separately: IZZER, tested glued onto a rigid board; fire-retardant MDF board, classified in thicknesses from 10 to 30 mm on A1 or A2-s1,d0 support. The complete piece does not have its own classification.

Each class is issued by the aforementioned laboratory for the tested material, not for the complete piece, according to EN 13501-1.

tecnalia
MEMBER OF BASQUE RESEARCH & TECHNOLOGY ALLIANCE

The **acoustic** tests in this data sheet were carried out at **TECNALIA**, a laboratory accredited by **ENAC** and a signatory to the **ILAC-MRA** agreement, which gives international recognition to the results. The reaction to fire classification is issued by the laboratory cited in its block.

Material, color and dimensions

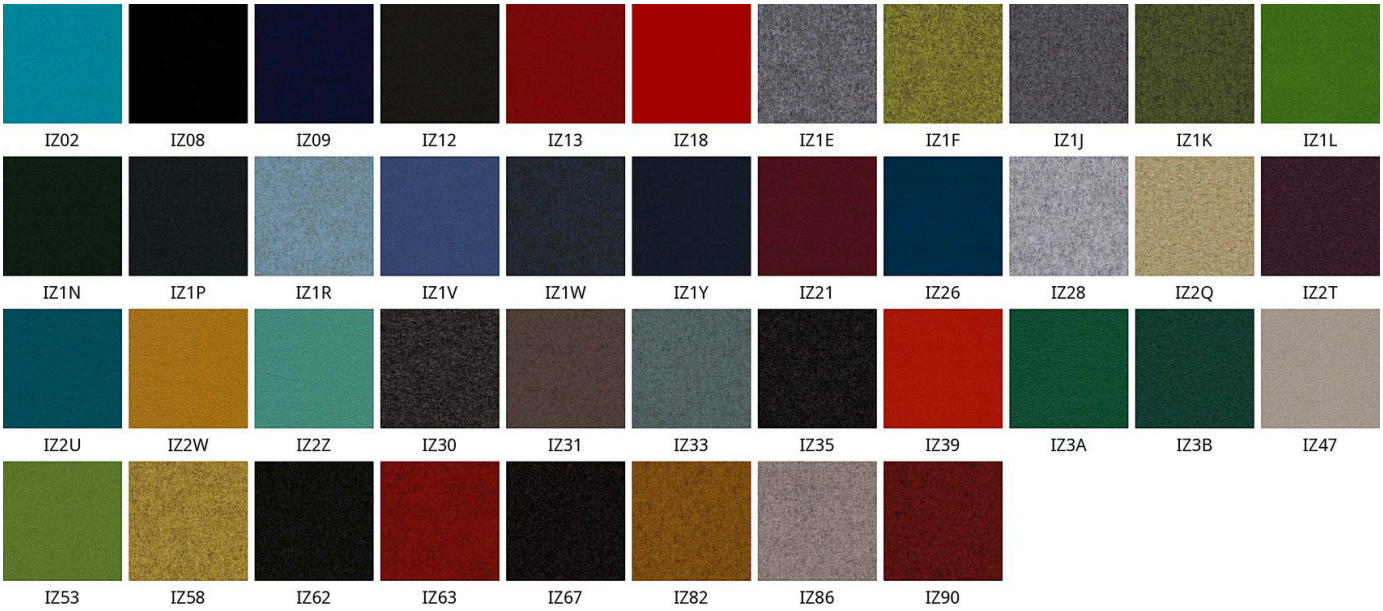
Composition, layer by layer

LAYER	MATERIAL	COMPOSITION	GRAMMAGE / DENSITY	POSITION
1	**IZZER**	100 % wool, ≈2 mm, in slats 350 mm high separated ≈50 mm, stapled to the board	460 g/m²	visible face, facing the floor
2	**Fire-retardant MDF board**	1600 x 1220 mm board, 12 mm thick		top, slat support

Total thickness: 362 mm (12 board + 350 slats).

Color

Colors from the IZZER chart



Dimensions and installation

Dimensions	1600 x 1220 x 362 mm (length × width × height)
Slats	IZZER 350 mm high, separated ≈50 mm
Board	12 mm thick fire-retardant MDF
Installation	suspended: board on top and slats facing the floor

Sustainability and certification

What ISINAC brings to a certified project

Current certifications of ISINAC ACOUSTIC WORLD S.L.U., with its registration number and validity. Complete documentation available to the drafting team.

ISO 14001 · ISO 14006
Environmental management and ecodesign. Bureau Veritas.
CURRENT UNTIL 2029

SCS Indoor Advantage™ Gold
SCS-IAQ-11186 · VOC emissions according to CDPH v1.2. Covers IZZER.
VALID UNTIL 31-08-2027

What this product adds to building certification

10	4	4	3	2
WELL	**DGNB**	**HQE**	**LEED**	**BREEAM**
documentable credits	documentable credits	documentable credits	documentable credits	documentable credits

Credits that ISINAC can document for this product, with the test or certificate supporting them. The points awarded by each one and who grants them are on the last page.

Material and lifecycle, at a glance

IZZER
100 % wool, ≈2 mm, in slats 350 mm high separated ≈50 mm...

362 mm (12 board + 350 slats) thick
Of the assembly.

VOC emissions below threshold
SCS Indoor Advantage Gold, CDPH v1.2 method, on the fabric.

Colors from the IZZER chart

Documentation accompanying this product

All available for the drafting team, upon request and free of charge: accredited laboratory absorption test report · reaction to fire classification · fabric VOC emissions certificate · band coefficients in native format for ODEON, EASE, CATT, INSUL, and SONarchitect.

Points in building certification

CERTIFICATION	CREDIT	POINTS	HOW IT IS ACCREDITED
BREEAM	Hea 06 — *Acoustic performance*	—	absorption tests from accredited laboratory ENAC
LEED v4.1	EQ — *Acoustic Performance*	1	band absorption coefficients for reverberation calculation
DGNB	SOC1.3 — *Acoustic comfort*	up to 110	α_p per band, α_W and equivalent sound absorption area
DGNB	ENV1.3 — *Resource extraction*	up to 100	certifications of origin and environmental management
HQE	Acoustics in common areas	up to 3	class A with absorption tests
WELL	S05 — *Sound Reducing Surfaces*	2	the product is the compliance element
WELL	S04 — reverberation time	2	absorption coefficients of the material
WELL	S06 — acoustic privacy reinforcement	1	depends on S05 and is justified with the same documentation

The points are those granted by each credit in its current version; the Assessor awards them based on the complete building. Detailed reasoning per certification label available upon request.

Documentation for your project

Full test reports, certificates, and acoustic calculation sheets available to the drafting team. We support the specification from the project to the construction site.

www.isinac.com · info@isinac.com