



TECHNICAL DATA SHEET

CURTAIN IZZER 1 LAYER

Single-layer sound-absorbing curtain made of IZZER, virgin merino wool: α_W 0.80 tested draped at 300 mm from the wall, warm to the touch and made of washable fabric.

 α_W

0,80

weighted absorption
EN ISO 11654

 Class

IZZER: C-s1,d0

reaction to fire
EN 13501-1:2018

 Thickness

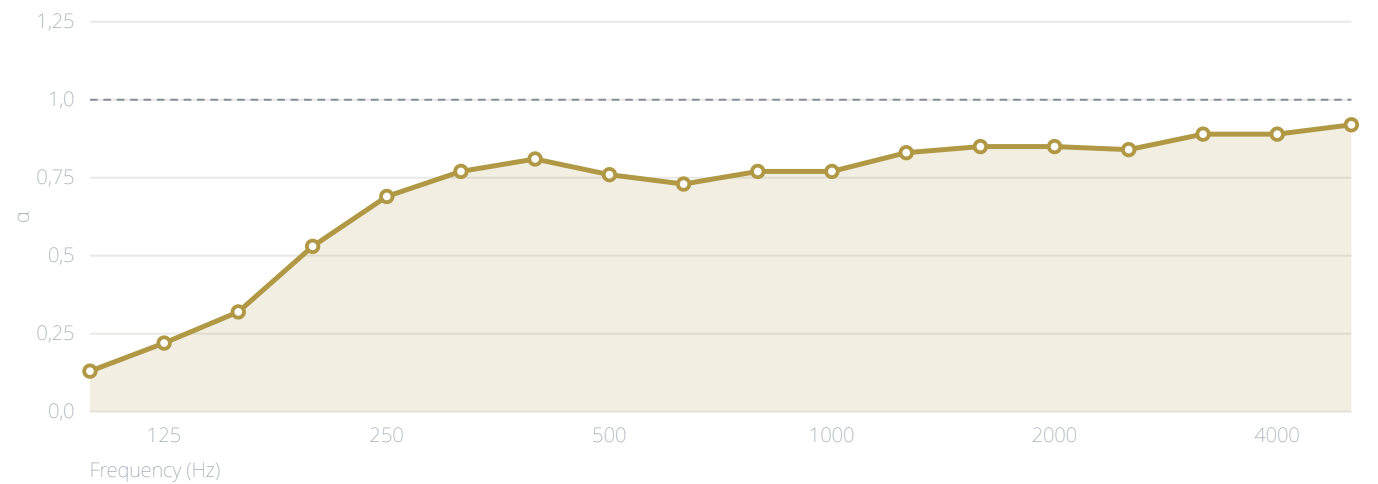
~1,75 mm

of the assembly



Acoustic absorption

Reverberation room test according to EN ISO 354:2003 (αW according to EN ISO 11654:1997) · TECNALIA (Fundación TECNALIA R&I, ENAC 4/LE456) · report 115541-2 (27/11/2024). Folded curtain —one piece of 4680 mm of fabric covering 3600 mm, pleat ratio 1.30— at 300 mm from the wall and without side frame; mounting type G-300 of Annex B of EN ISO 354:2003, hung from a Ø40 mm wooden rod. Tested area 10,91 m², reverberation room of 209,6 m³.



αW 0,80

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

HZ	125	250	500	1000	2000	4000
αs	0,22	0,69	0,76	0,77	0,85	0,89

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

Reaction to fire

IZZER: C-s1,d0

EN 13501-1:2018 · BTTG (United Kingdom), ref. 27/05749B/11/21 (24 and 25/11/2021)

FIGRA0,2MJ 202,1 W/s · THR600s 1,6 MJ · SMOGRA 0 · no falling flaming particles.
Classification issued by an independent laboratory on the tested product according to EN 13501-1:2018.



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.

Composition, layer by layer

LAYER	MATERIAL	COMPOSITION	GRAMMAGE / DENSITY	POSITION
1	IZZER	virgin merino 100 % wool	460 g/m²	single layer, exposed face

Assembly thickness: ~1,75 mm.

Color

41 colors from the IZZER color chart (IZ codes).



Dimensions and installation

Width	panels up to 140 cm (roll width); for greater widths, panels are joined by a zipper
Pleated	1,30 in the test (4680 mm of fabric to cover 3600 mm)
High	custom-made
Format	supply in whole linear meters
Hanging	rails or rod washers
Cleaning	washable fabric; frequent vacuuming

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.

CURRENT UNTIL 31-08-2027

What this product adds to building certification

12

WELL

documentable credits

6

HQE

documentable credits

5

LEED

documentable credits

4

BREEAM

documentable credits

4

DGNB

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

virgin merino 100 % wool



~1,75 mm thickness

Of the assembly.



VOC emissions below threshold

SCS Indoor Advantage Gold, CDPH v1.2 method, on the fabric.



Made in the European Union

Made in Europe seal.



41 colors from the IZZER color chart (IZ codes)

Catalog finishes.

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.



CERTIFICATION	CREDIT	POINTS	HOW IT IS ACCREDITED
BREEAM	Hea 06 — <i>Acoustic performance</i>	—	accredited laboratory absorption and insulation tests ENAC
BREEAM	Hea 04 — <i>Indoor air quality</i>	—	VOC emissions certificate
LEED v4.1	EQ — <i>Low-Emitting Materials</i>	1–3	SCS Indoor Advantage Gold, CDPH v1.2 method
LEED v4.1	EQ — <i>Acoustic Performance</i>	1	band absorption coefficients for reverberation calculation
DGNB	ENV1.1 — <i>Life cycle assessment</i>	up to 130	LCA modules broken down, in a format readable by calculation tools
DGNB	SOC1.3 — <i>Acoustic comfort</i>	up to 110	α_p per band, α_w and equivalent sound absorption area
DGNB	ENV1.3 — <i>Resource extraction</i>	up to 100	certifications of origin and environmental management
HQE	Material emissions	2	carcinogenic formaldehyde and VOC 1A and 1B below threshold
HQE	Acoustics in common areas	up to 3	available absorption tests
WELL	S05 — <i>Sound Reducing Surfaces</i>	2	the product is the compliance element
WELL	S04 — <i>reverberation time</i>	2	absorption coefficients of the material
WELL	S06 — <i>acoustic privacy reinforcement</i>	1	hangs from S05, with the same backing

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

Complete test reports, Declarations of Performance, certificates and acoustic calculation sheets available to the design team. We provide specification support from the project phase to the construction site.

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