# ACOUSTICS & SUSTAINABILITY Exploring the solutions of EchoJazz

ECHO JAZZ





EchoLED® CONE



SOUND-ABSORBING High-performance class A absorber with felt structure.



FIRE SAFETY

B1 classification according to European fire protection standard.



ROBUST Very dimensionally stable, tear-resistant and cleanable without residue.



MOLD-FREE

Made from 100% PET fibres, no moisture mould.



ACOUSTIC

EASY TO PROCESS



Customised on CNC cutting plotter. Enhances indoor climate comfort.



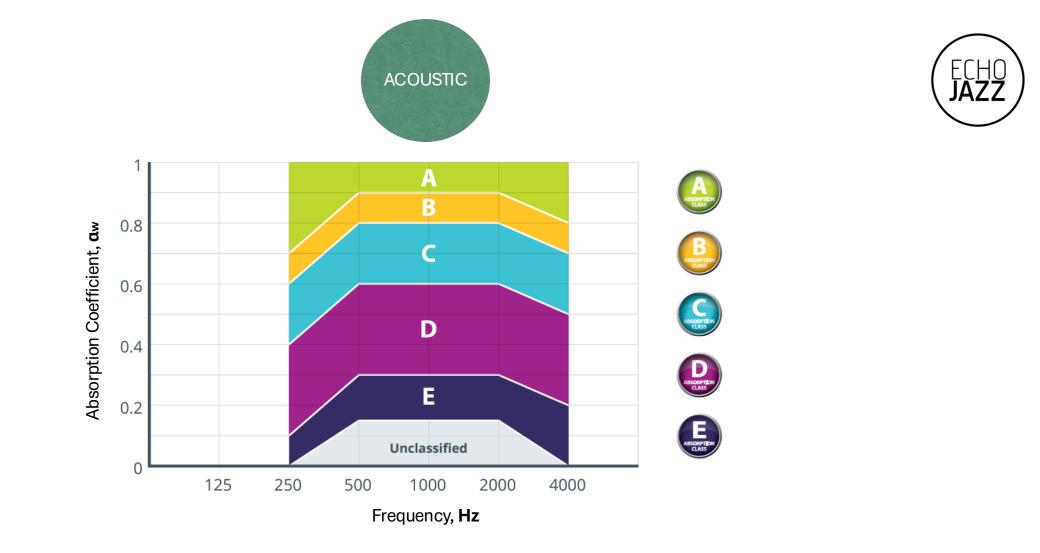
LIGHTFASTNESS

dyed-through fibres.



EMISSIONS-FREE

High saturation colours thanks to Does not emit hazardous fibres or paint particles.



The human voice ranges from 300 Hz to 3500 Hz. For effective sound absorption across these frequencies, higher density panels are crucial.

Typical broadband panels have an absorption density of around 90 kg/m<sup>3</sup>, struggling with low frequencies. In contrast, Echo**Board**<sup>®</sup> panels, with densities between 150 to 200 kg/m<sup>3</sup>, provide superior absorption across all frequency ranges.

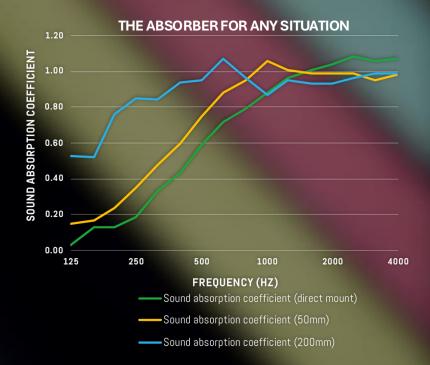


# ECHOBOARD® 12MM

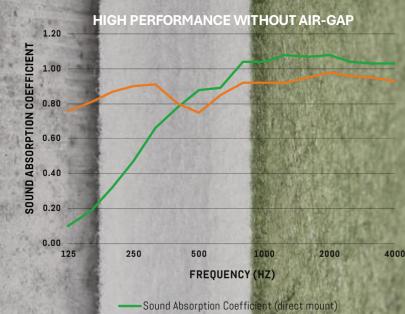




## ECHOBOARD® 24MM



# ECHOCOUSTIC® 25MM



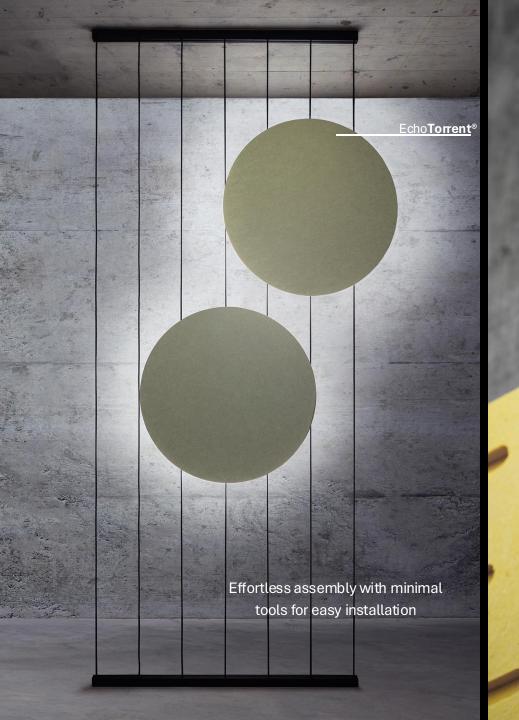
-Sound Absorption Coefficient (400mm)

SIMPLICITY

ECHOJAZZ boasts one of the largest stock capacities for acoustic panels in Europe.



Custom solutions tailored to each customer's specifications. 101000000000





Solid-colored material for easy finishing and processing

EchoMonoc®







## CRADLE TO CRADLE BRONZE

Echo**Board**<sup>®</sup> solutions are environmentally friendly, have a low VOC, can be disassembled and are recyclable. Echo**Boards**<sup>®</sup> contribute to the **LEED standard**.



GREENTAG GREENRATE LEVEL A

Post-Consumer Recycling Health and ecotoxicity Take-back system ECO1 MINERGIE-ECO

SUSTAINABILITY

eco

The product meets the highest requirements of eco-building and Minergie-Eco with regard to ecological and health specifications and receives the eco 1 rating.



## M1 EMISSION FREE MATERIALS

Echo**Board**<sup>®</sup> and Echo**Coustic**<sup>®</sup> both belong to emission class M1 for building materials.

### OEKO TEX STANDARD 100 CLASS 1

OEKO TEX®

Meets the highest requirements for potentially harmful substances (even for contact with baby skin) The individual PET bottles are placed on a conveyor belt Metal is sorted out with a magnet. The PET bottles are sorted by machine according to colour, namely transparent, light blue, green or colourful. The sorted PET bottles are pressed into bales.



PET bottles are crushed into flakes at the mill, chemically washed, and then separated in water. In the water basin, lids made of lighter PE plastic float and are separated from the PET bottles, which sink.





Fiber Mixture – combine fibers with binder

**Carding & Layering** – form and layer fleeces using a carding machine and a cross-layer.



### Needling & Hardening –

needle the layered fleece and

then heat it to harden









**Transforming Spaces across the World** 

ECHC IA77







Henie Onstad Museu Snøhetta Architects, Norway TAXABLE IN CONTRACTOR

ECHO JAZZ











Heerup School Studio Matters, Denmark

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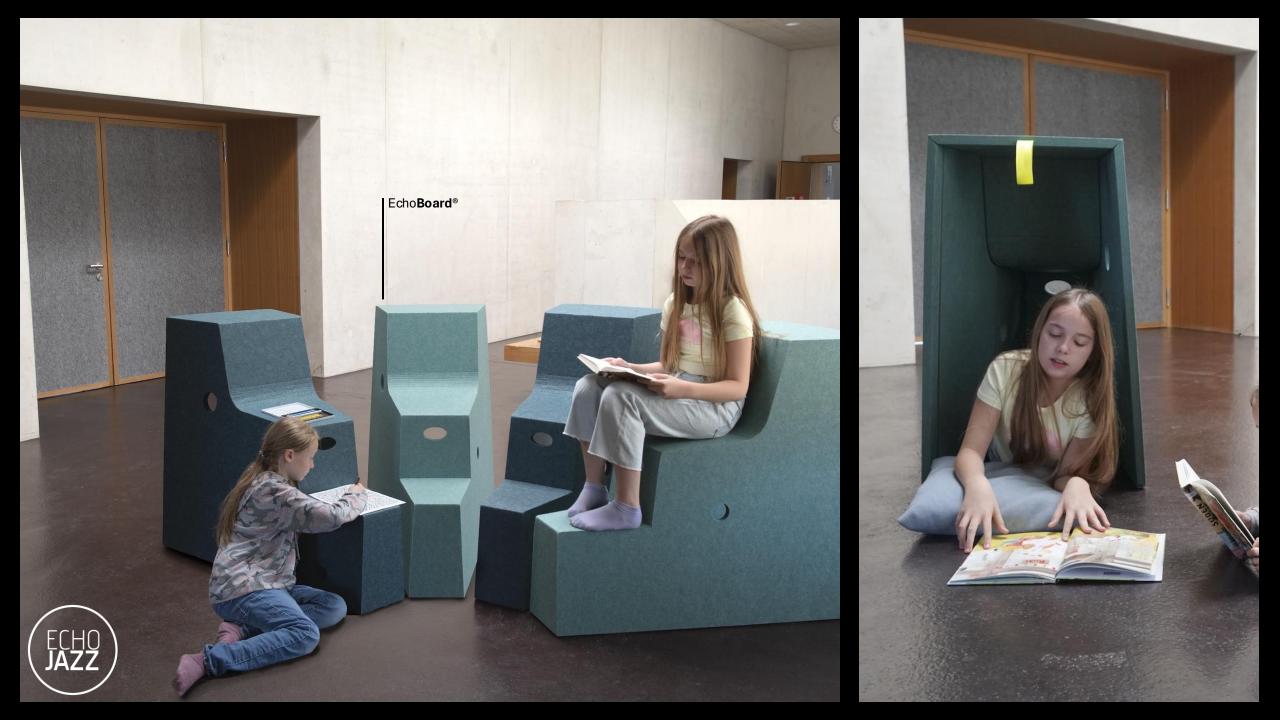
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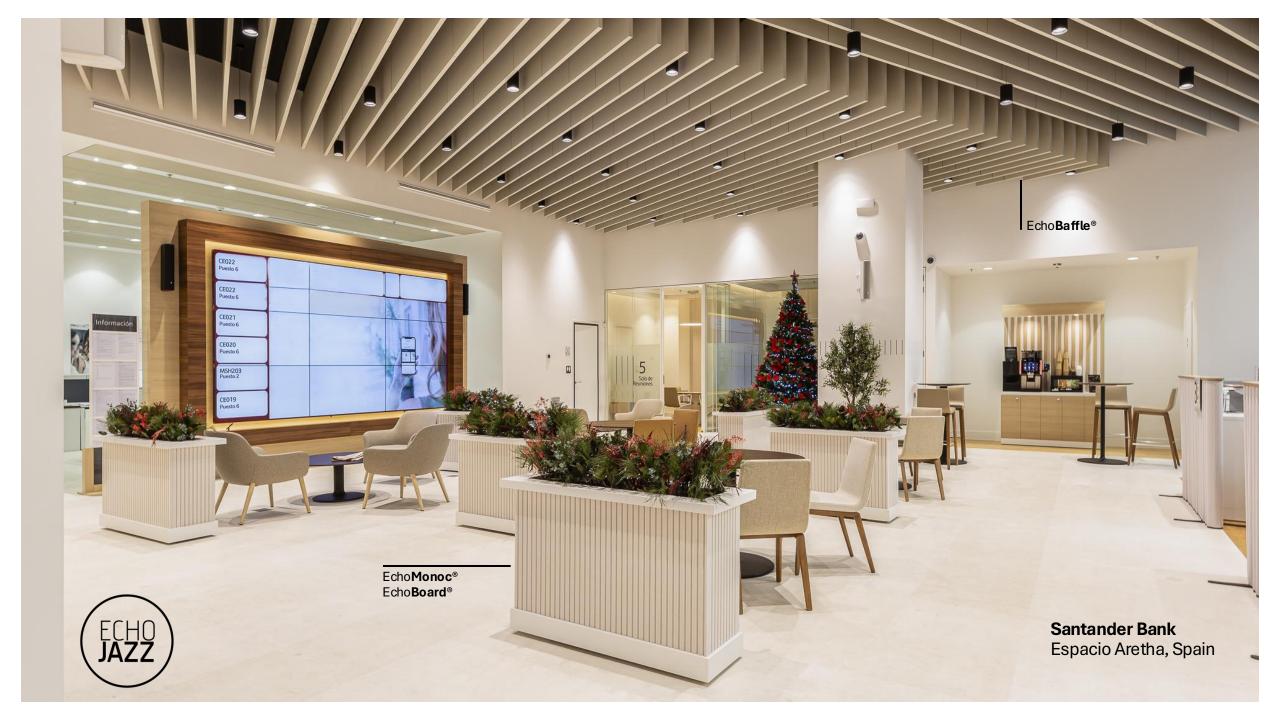


**Chiurlo Office** Studio Visual Display, Italy

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Echo**Board**®

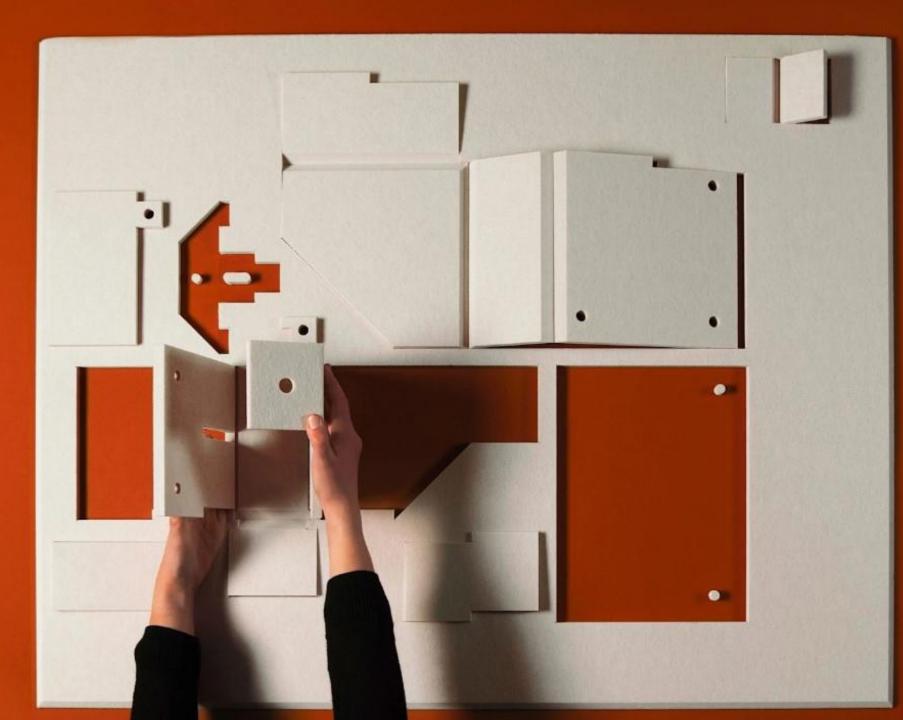
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Architectural Studio Indra + Scherrer, Liechtenstein

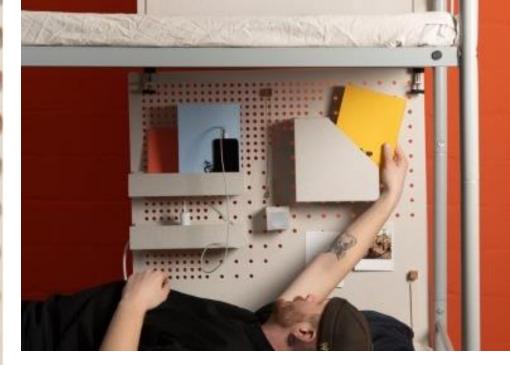




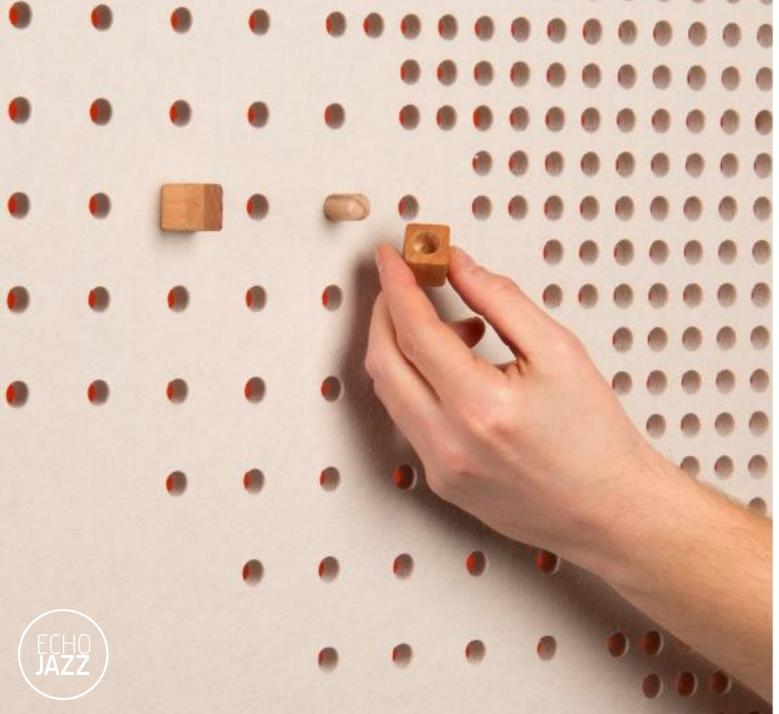




**Refugee Building** HGK FHNW, Switzerland















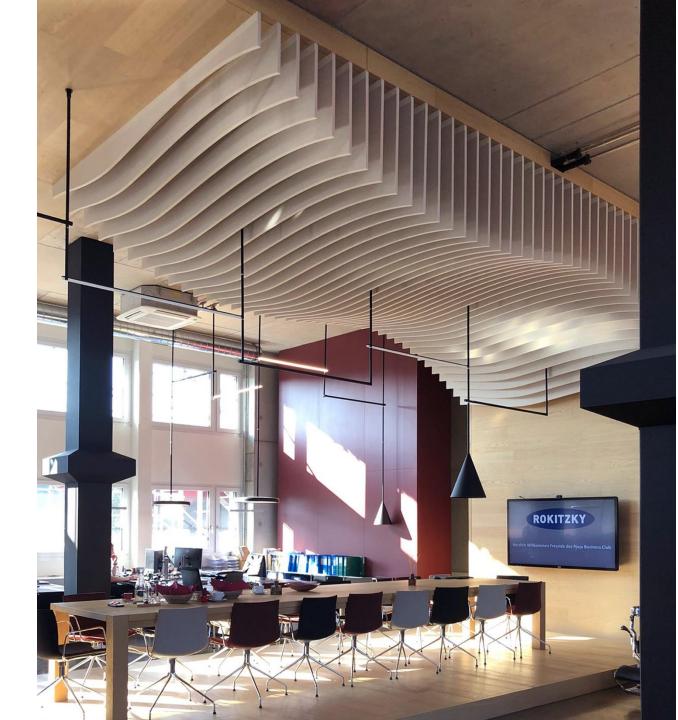


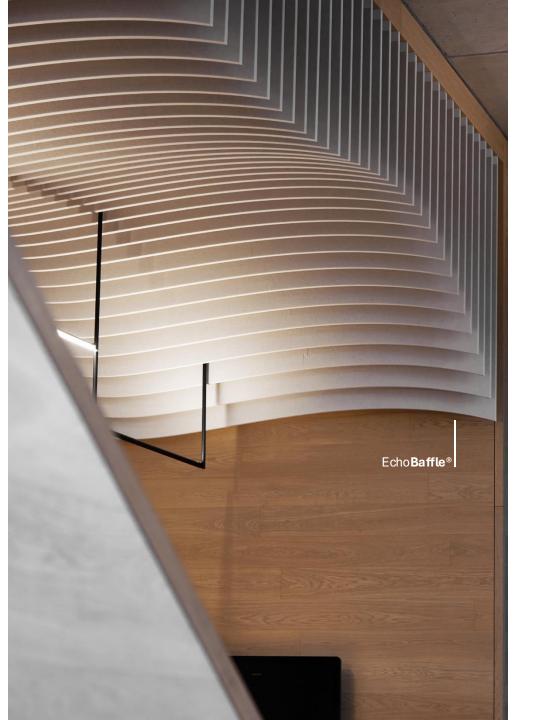






**Rokitzky Office** AGG, Switzerland





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