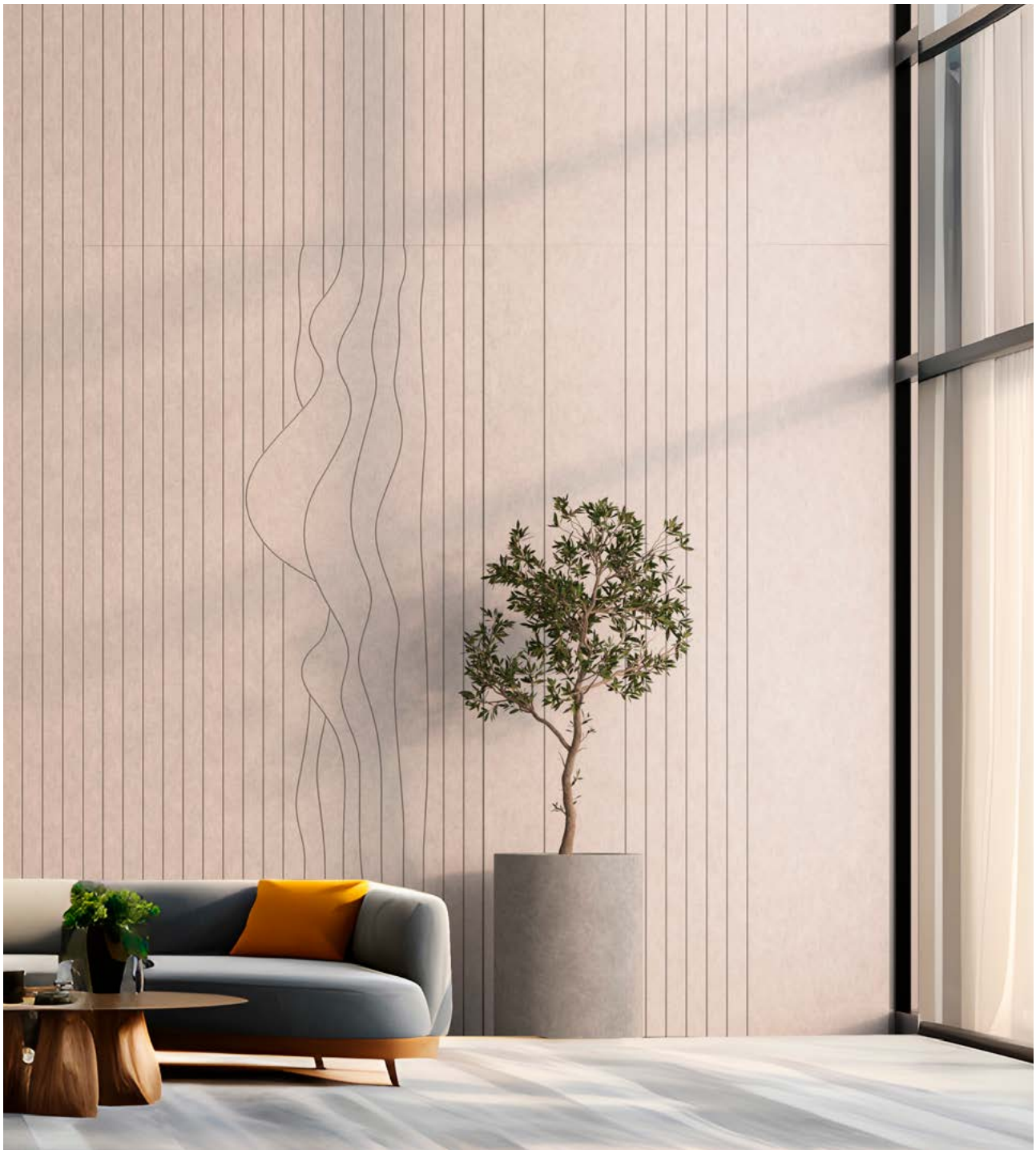
Technical Data Sheet

V-cut

2024

ECO cero | Acoustic design.



Sound-absorbing panel made of recycled polyester fiber from the ECO line of ECOcero, V-cut model, with dimensions 2340 x 1170 mm, thickness of 12 mm and 24 mm. Includes fixing system using ECOcero's Adhesive for direct attachment to the support. 12 mm thickness available in 16 base colors. 24 mm thickness available in white and black. CE marked. 12 mm thickness Euroclass B-s1, d0 fire reaction. 24 mm thickness Euroclass B-s2, d0 fire reaction. Compliance with low VOC emissions specifications. GOLD certification in LEED and BREEAM, GLOBAL RECYCLED STANDARD, and OEKO-TEX STANDARD 100.

Composition	Recycled polyester fiber
Maximum dimension	2340x1170 mm / Custom
Thickness	12 mm and 24 mm
Weight	12 mm: 6,6 kg 24 mm: 11,0 kg
Surface density	12 mm: 2,4 kg/m² 24 mm: 4,0 kg/m²
Absorption without cavity	12 mm: **ISO**: αw=0,30. **ASTM**: NRC=0,45 24 mm: **ISO**: αw=0,50. **ASTM**: NRC=0,70
Absorption with 50 mm cavity	12 mm: **ISO**: αw=0,75. **ASTM**: NRC=0,8
Absorption with 200 mm cavity	12 mm: **ISO**: αw=0,90. **ASTM**: NRC=0,85 24 mm: **ISO**: αw=1,00. **ASTM**: NRC=0,95
Fire resistance	12 mm: B-s1,d0. Fire retardant. 24 mm: B-s2,d0. Fire retardant. CTE for public use premises
Thermal resistance	12 mm: 0,300 (m²·K/W) 24 mm: 0,600 (m²·K/W)
Thermal conductivity	λ=0,040 (W/m·K)
Thickness tolerance	± 1 mm
Cutting tolerance	± 2 mm
Installation	Without construction work, easy and fast. Fixed with adhesive or suspended using anchors, both provided by ECOcero
Cleaning	For surface cleaning, it is recommended to spray an alcoholic solution (75%). In case of dust or lint, use a duster or vacuum cleaner. In case of heavy soiling, treat the material with hydrogen peroxide. Do not rub.

ECO Line Certificates (PET)

	LEED® Certificate (Pass)
	BREEAM® Certificate (Exemplary level)
	Green Building Council USGBC
	Antifungal Certificate
	VOCs Certificate (A+ classification)
	Acoustic Absorption Certification
	CE Certified (EN 15102:2007 + A1:2011)
	GLOBAL RECYCLED STANDARD Certificate (Minimum 60% Post-consumer)
	OEKO-TEX STANDARD 100 Certificate
	Recycled Content Certification

Colors

Dark Blue	Dark Green	Blue Green	Turquoise	N
ECO-116	ECO-139	ECO-124	ECO-140	C
NCS: S 6030-R80B	NCS: S 8010-B30G	NCS: S 3050-B20G	NCS: S 4020-B70G	NCS

N: Name
C: Color code
NCS: NCS code

Terracotta	Coral Pink	N
ECO-108	ECO-131	C
NCS: S 4030-Y90R	NCS: S 1030-Y80R	NCS

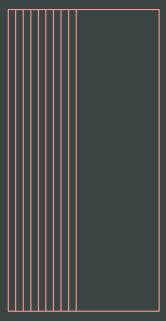
Turmeric Yellow	Dark Camel	Light Camel	Opera	N
ECO-149	ECO-112	ECO-101	ECO-107	C
NCS: S 2040Y-10R	NCS: S 3010-Y50R	NCS: S 1002-Y50R	NCS: S 1505-Y40R	NCS

Black	Anthracite Grey	Moon Grey	Cloudy Grey	Urban Grey	Polar White	N
ECO-127	ECO-125	ECO-123	ECO-138	ECO-136	ECO-104	C
NCS: S 9000-N	NCS: S 6502-B	NCS: S 6005-R80B	NCS: S 3000-N	NCS: S 2005-R80B	NCS: S 0502-B50G	NCS

Beyond the 16 colors of the ECO line, with their soft pastel tones designed to evoke emotions, we offer custom painting in any color from the RAL and NCS palettes. Our special paint ensures perfect absorption and acoustic conditioning.

ECOwall | V-cut

New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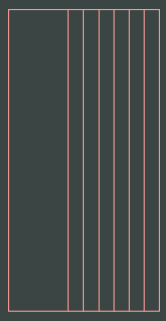
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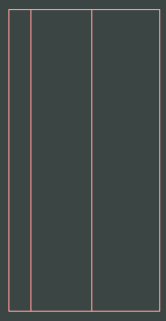
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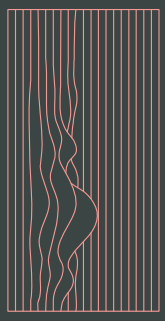
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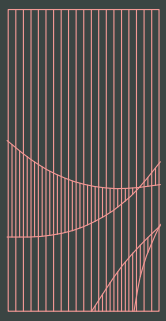
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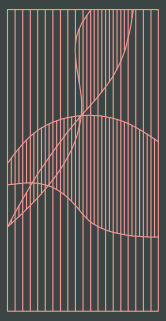
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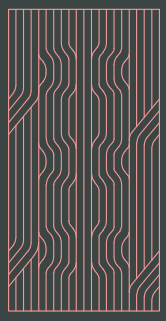
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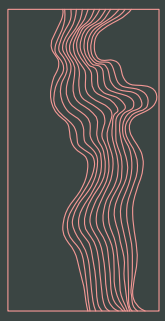
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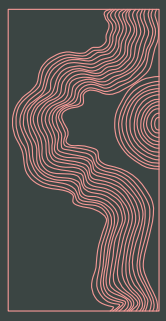
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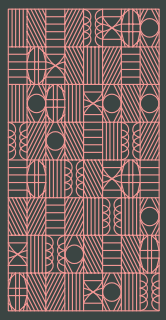
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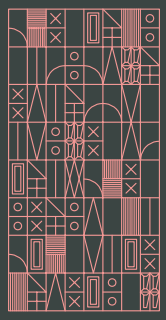
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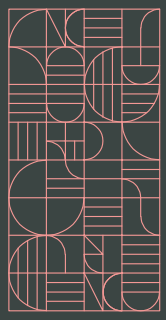
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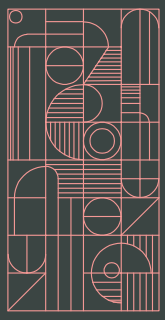
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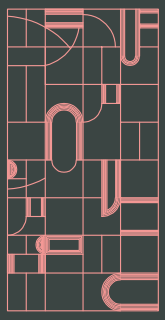
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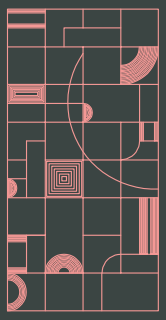
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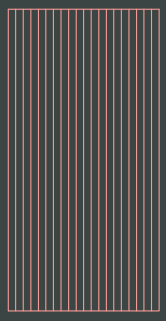
Classic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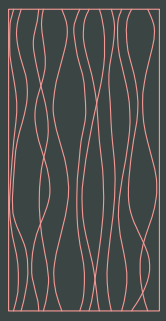
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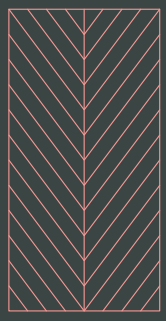
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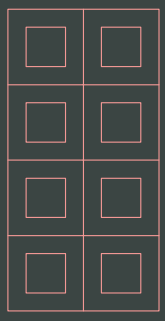
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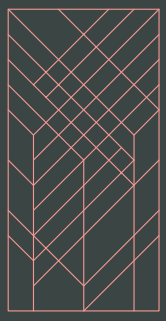
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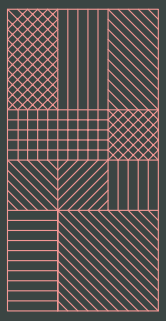
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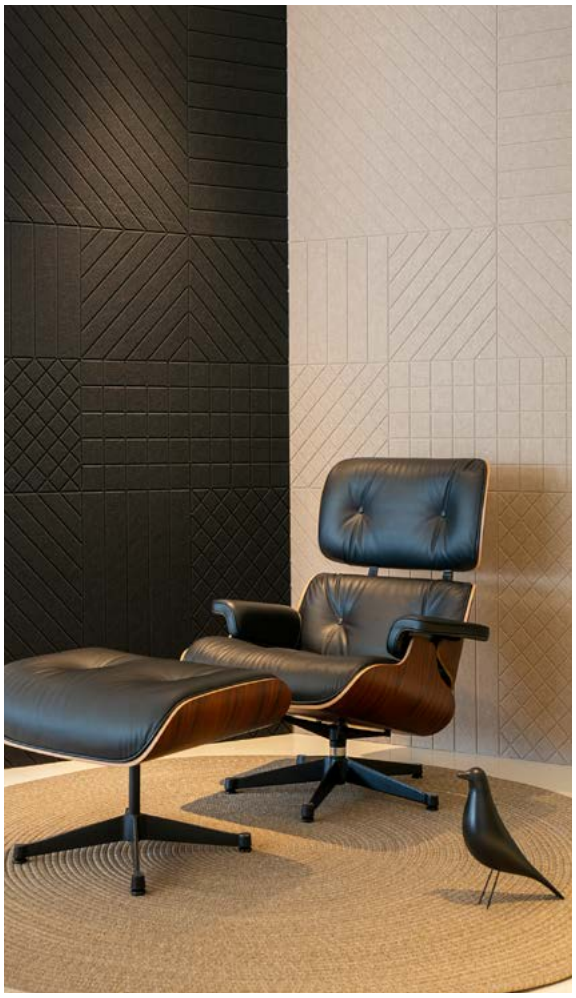
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