SAFE AND SOUND

acoustic excellence
without compromise







aisti



STORY
of Aisti

Aisti began with a practical question from a client:
Is there a more sustainable acoustic tile for suspended ceilings – without compromising performance or cost?

Aisti's founder Mikko Paananen, then running a ceiling installation company, saw that existing solutions did not meet these expectations. His search for alternatives led him to foam-forming – a fibre-based foam-forming process researched for acoustic applications but not yet commercialised. Building on this foundation, Aisti was created to bring sustainable acoustics into real construction use.

THE PRODUCT

Aisti manufactures wood fibre based acoustic ceiling tiles for standard suspended grid systems with foam-forming technology. The tiles deliver Class A sound absorption, achieve B-s1, d0 fire classification, and maintain low VOC emissions. The tiles are plastic-free, fully recyclable, and do not contain irritating fibres or harmful chemicals. The product supports circular construction while remaining lightweight, easy to handle, and straightforward to install. Aisti provides a high-performing, sustainable solution at competitive cost – with no green premium in pricing.

FOAM-FORMING TECHNOLOGY

In foam-forming, wood fibres are mixed with water and a foaming agent commonly used in everyday products such as shampoo and toothpaste. The foam allows the fibres to be evenly distributed and precisely structured using less raw material and without synthetic binders or plastics. This creates a lightweight, porous and stable wood fibre network that delivers excellent sound absorption and material efficiency.





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FSC® C227427
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AISTI AALTO®
technical specifications

Thickness	20 and 40 mm
Absorption class (EN ISO 354/EN ISO 11654)	A–C
Reaction to fire (EN 13501-1)	B-s1, d0
Emission classification, indoor air	M1, French VOC A+
Carbon footprint (EN 15804 +A2)	20 mm GWP-fossil A1-A3 1,29 kg CO_2e/m^2 A1-C4 1,48 kg CO_2e/m^2 40 mm GWP-fossil A1-A3 1,74 kg CO_2e/m^2 A1-C4 2,01 kg CO_2e/m^2
Stored CO_2 (EN 15804 +A2)	20 mm GWP-biogenic A1-A3 -3,09 kg CO_2e/m^2 40 mm GWP-biogenic A1-A3 -6,71 kg CO_2e/m^2
Recyclability (CEPI)	Core fully recyclable
Humidity resistance	C class RH95%, 30°C
Installation	T grid / direct gluing
Tile sizes	600 x 600 mm 600 x 1200 mm

ACOUSTIC
specifications

See our website for the latest acoustic specifications:





PRODUCTS
suspended ceiling tiles

SQUARE
600 mm X 600 mm

RECTANGLE
600 mm X 1200 mm

20 MM standard white	SIZE mm	LIST PRICE* €/m²
A edge	600 X 600	45
	1200 X 600	45
E edge	600 X 600	55
	1200 X 600	55

40 MM standard white	SIZE mm	LIST PRICE* €/m²
A edge	600 X 600	50
	1200 X 600	50
E edge	600 X 600	60
	1200 X 600	60
B edge	600 X 600	77
	1200 X 600	77
S edge	600 X 600	77
	1200 X 600	77

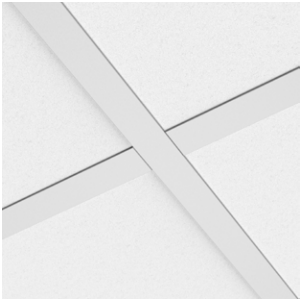
*Always refer to your local distributor for prevailing prices


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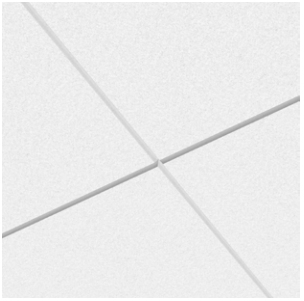

E EDGE
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B EDGE

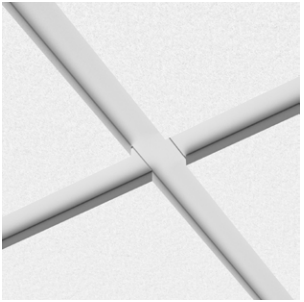
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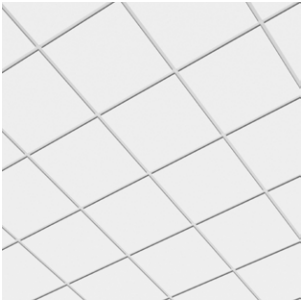


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