

BAUX

Acoustic Pulp

BAUX IS FOUNDED
ON THE BELIEF
THAT BUILDING
MATERIALS
SHOULD BE
SUSTAINABLE,
SURPRISINGLY
FUNCTIONAL AND
REMARKABLY
BEAUTIFUL.

LET'S BUILD!



The new 100% bio-based BAUX Acoustic Pulp panel is the first in the world to uncompromisingly combine the performance properties of sound absorption, safety and durability with sustainability and modern aesthetics.

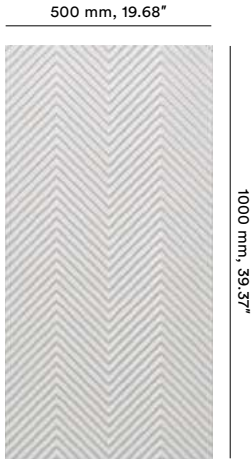
The result is a restful and sustainable acoustical environment for residential buildings, industrial premises and public spaces that calls us back to the harmonizing pulse of nature.

Harmless for us, harmless for the environment. It's nothing short of an acoustical revolution.

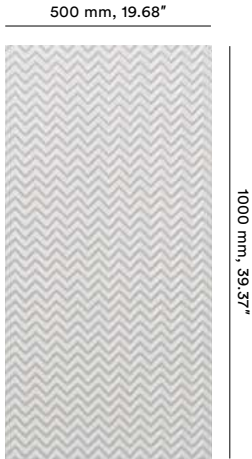
This is BAUX Acoustic Pulp.

BAUX

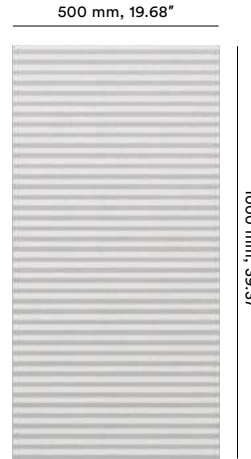
Acoustic Pulp



Origami Pulse
2 tiles/m², ~0.18/sqft
Thickness: 20 mm, 0.78"



Origami Energy
2 tiles/m², ~0.18/sqft
Thickness: 20 mm, 0.78"




Origami Sense
2 tiles/m², ~0.18/sqft
Thickness: 20 mm, 0.78"




Material:	Ingredient:	Share (%):	Function:	Origin:	Certificates/other:
	Cellulose Pine & Spruce	94%	Matrix	Sweden (SE)	FSC and PEFC
	Wheat bran	5%	Visual look and strength	Sweden (SE)	EU legislation controlled, non-GMO
	Bio binder 5101 Mixture of citrus fruit peels, potato starch and wax from plants.	~1%	Binder	Sweden (SE)	Certified according to ISO9001, ISO14001 and ISO50001. Members of the UN Global Compact Group.

About:	Sustainability:	Functionality:
	<ul style="list-style-type: none"> · 100% Bio-Based · 100% Biodegradable · 100% Recyclable · 0% Waste and pollution in manufacturing · Resourceful material sourcing 	<ul style="list-style-type: none"> · Strong · Lightweight · Fire Retardant · Water Repellent · Sound Absorbent



 Origami Pulse





 Origami Pulse  Origami Sense  Origami Energy











 Origami Pulse  Origami Sense






 Origami Sense



 Origami Pulse  Origami Sense  Origami Energy



 Origami Pulse  Origami Sense  Origami Energy

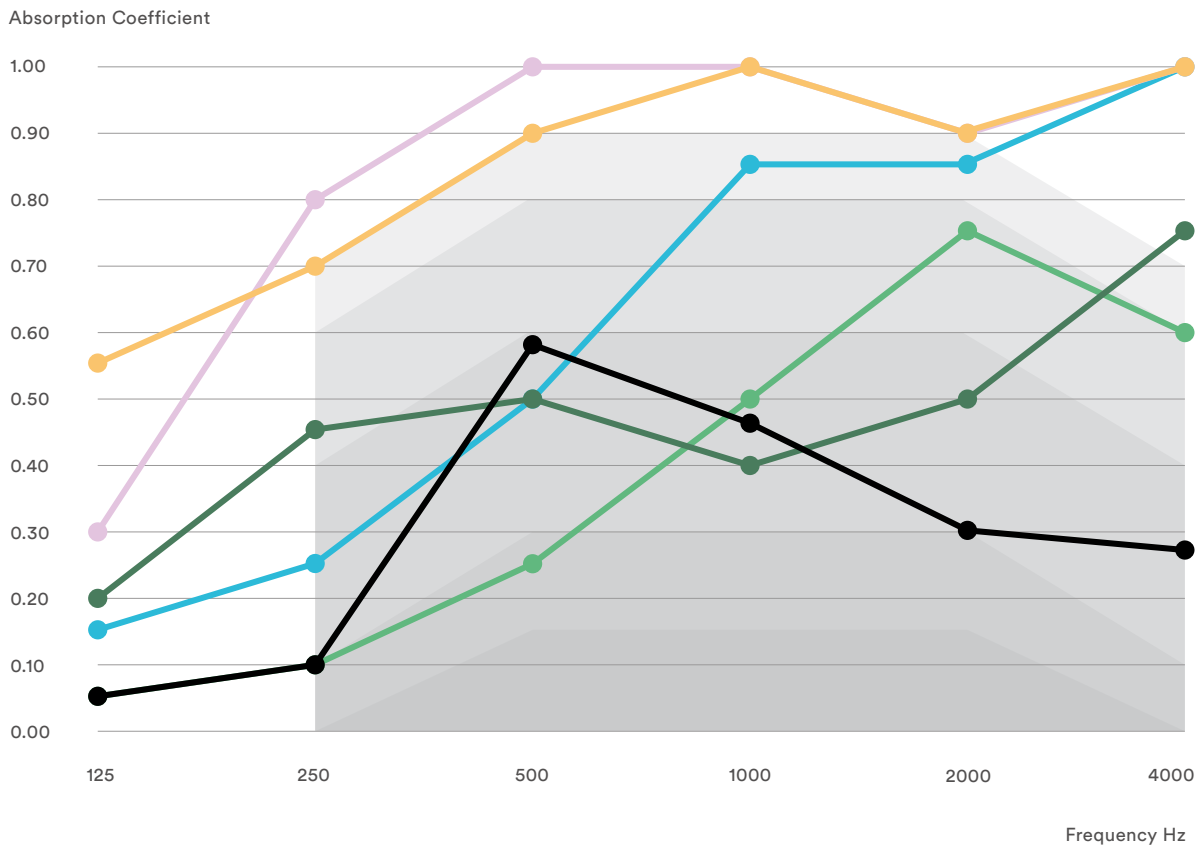


Colour derived from wheat.

Adding paint would have compromised our vision of creating a 100%-bio-based product. Instead, with BAUX Acoustic Pulp, color is achieved using 5% of wheat bran. Together with the three origami patterns, there are endless possibilities for mixing, matching and harmonizing with different space designs. The final effect is an organic expression of character and color, without any chemicals at all.



Sound



	Installation	α_w	NRC	SAA	Class
●	BAUX Acoustic Pulp	0.35	0.35	0.35	
●	BAUX 25 mm	0.30	0.40	0.41	D
●	3D Pixel	0.50 (MH)	0.60	0.62	D
●	BAUX 25 mm + 40 mm Stone Wool	1.0 (H)	0.95	0.95	A
●	BAUX 25 mm + 200 mm slot	0.50 (H)	0.45	0.46	D
●	BAUX 25 mm + 40 mm Stone Wool + 200 mm slot	0.90 (H)	0.90	0.90	A

α_w = Weighted sound absorption coefficient. NRC = Noise Reduction Coefficient. SAA = Sound Absorption Average (ASTM C423). Stone Wool in use: 40mm stone wool panel 140 kg/m³. Using Stone Wool as a backing may require screws or a frame around the tiles to fix the tiles appropriately.



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Let's build!

www.baux.com