BAUX

Acoustic Pulp

Vers 2
November 2023

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 harmonising 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

500 mm, 19.68″

1000 mm, 39.37″

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

500 mm, 19.68″

1000 mm, 39.37″

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

500 mm, 19.68″

1000 mm, 39.37″

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

Material:	**Ingredient:**	**Painted vs Unpainted:**		**Function:**	**Origin:**	**Certificates/other:**
	Cellulose Pine & Spruce	94%	94%	Matrix	Sweden (SE)	FSC and PEFC
	Wheat bran	5%	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%	~1%	Binder	Sweden (SE)	Certified according to ISO9001, ISO14001 and ISO50001. Members of the UN Global Compact Group
	Paint, Bio-based	0%	<1%			Pigments from natural resources. Biodegradable and home compostable

About:

Sustainability:
- 100% Bio-based
- 100% Biodegradable
- 100% Recyclable
- 0% Waste and pollution in manufacturing
- Resourceful material sourcing

Functionality:
- Strong
- Lightweight
- Fire retardant
- Water repellent
- Sound absorbent

Origami Pulse

Bio Natural Wheat

Origami Pulse Origami Sense Origami Energy

Bio Natural Wheat

Origami Energy

Bio Natural Wheat

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Origami Pulse

Bio Natural Wheat

Acoustic Pulp Bio Colour

This biodegradable palette provides Interior Architects and Interior Designers the opportunity to enhance acoustics while also honouring principles of sustainable design. The bio-based colours in our Acoustic Pulp line seamlessly blend functionality, aesthetics, and environmental responsibility. Comprising the colour range of Bio Blue Chalk, Bio Green Soil, Bio Red Mud, Bio Yellow Terra and Bio Rose Clay, the paint originates from plant extracts, natural earth pigments, minerals, and chalk.

Bio Natural Wheat

Bio Blue Chalk

Bio Green Soil

Bio Red Mud

Bio Yellow Terra

Bio Rose Clay

Origami Sense

Bio Red Mud

Bio Rose Clay

Origami Pulse

Origami Sense

Origami Energy

Bio Blue Chalk

Bio Green Soil

Bio Red Mud

Bio Yellow Terra

Bio Rose Clay

Origami Pulse

Bio Blue Chalk

Bio Green Soil

Bio Red Mud

Origami Pulse

Origami Sense

Origami Energy

Bio Red Mud

Bio Yellow Terra

For more inspiration

Acoustic Performance

Sound absorption:

*An absorption coefficient is one of the key efficiency markers for acoustic materials, showing how much sound is absorbed at different frequencies. In the absorption spectrum, 0 indicates perfect reflection, and 1 indicates perfect absorption. Which one is ideal? It really depends on the kind of acoustic landscape you are aiming to build. While some spaces require maximum tranquility, in others, a bit more bustle and ambience may be desired. Our assortment addresses a range of absorption needs to help you achieve your goals.

	Installation	αw	NRC	SAA	Class
●	BAUX Acoustic Pulp	0.35	0.35	0.35	D

αw = 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.

Product lifetime over? We'll take it back.

CIRCLE

We approach sustainability in everything we think and everything we do, every day. This commitment does not end even when the acoustic products have reached the end of their useful life. That's why we make it easy for you to have a positive impact on the environment while upgrading your space at the same time. Our Circle will support you all the way.

BAUX

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www.baux.com