BAUX Recycled PET
Material Data Sheet

Read this

Benefits of BAUX Acoustic FELT - Recycled PET

The excess of unwanted plastics in the world is obvious, only a small fragment is recycled and reused into new products, a devastatingly big amount is still going to the landfill or burned to generate energy. By selecting a product made out of recycled PET you contribute to a more sustainable world. BAUX can present a GRS Certified source of recycled PER, accredited by IOAS and sprung from various recycling entities across Europe.

Unpacking and handling

Please handle BAUX products with care during unpacking and installation. Be sure to inspect materials upon delivery and note any damages on the delivery and notify BAUX immediately.

Use and maintenance

BAUX products do not require subsequent care. However, we recommend light cleaning using a vacuum cleaner. Should vacuum-cleaning prove insufficient, you can wipe the panels using a damp cloth. Cleaning liquids may be used.

Contact:

If you are interested in BAUX acoustic products, please get in touch. We ship globally through our headquarters and via local partners and representatives.
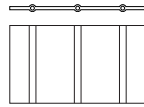For more information, visit baux.com or contact us at info@baux.com.
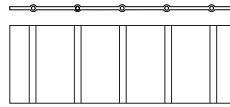
BAUX HQ - Stockholm, Sweden
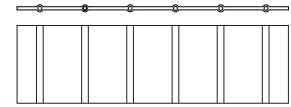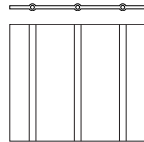baux.com/contact, 0046 (8) 21 07 07, info@baux.com
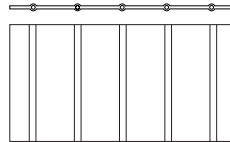
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Panels

Products:
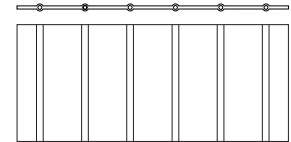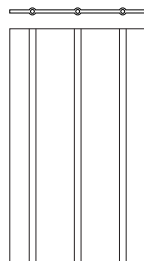
Recycled PET 70×40

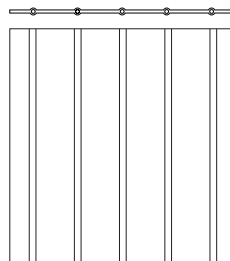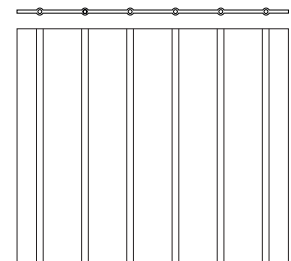Recycled PET 120×40

Recycled PET 140×40

Recycled PET 70×60

Recycled PET 120×60

Recycled PET 140×60

Recycled PET 70×120

Recycled PET 120×120

Recycled PET 140×120

Dimensions:

Product:	Width: (mm & inch)	Height: (mm & inch)	Thickness: (mm & inch)
Recycled PET 70×40	700 mm 27.56"	400 mm 15.75"	36 mm 1.42"
Recycled PET 70×60	700 mm 27.56"	600 mm 23.62"	36 mm 1.42"
Recycled PET 70×120	700 mm 27.56"	1200 mm 47.24"	36 mm 1.42"
Recycled PET 120×40	1180 mm 46.46"	400 mm 15.75"	36 mm 1.42"
Recycled PET 120×60	1180 mm 46.46"	600 mm 23.62"	36 mm 1.42"
Recycled PET 120×120	1180 mm 46.46"	1200 mm 47.24"	36 mm 1.42"
Recycled PET 140×40	1400 mm 55.12"	400 mm 15.75"	36 mm 1.42"
Recycled PET 140×60	1400 mm 55.12"	600 mm 23.62"	36 mm 1.42"
Recycled PET 140×120	1400 mm 55.12"	1200 mm 47.24"	36 mm 1.42"

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Accessories

Products: Plugs: Floor holders:

Top Cap

Desk holders:

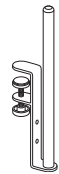**Table Clamp   Table Clamp   Table Stand   Floor Stand
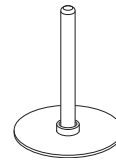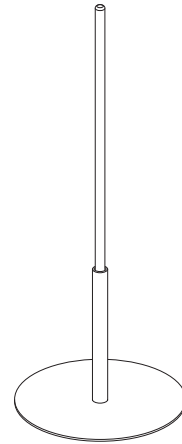Side   Top**

Dimensions: Product: Dimensions (mm):   Dimensions (inch):

Table Clamp Side   320×100×32 mm   12.6×3.94×1.26"

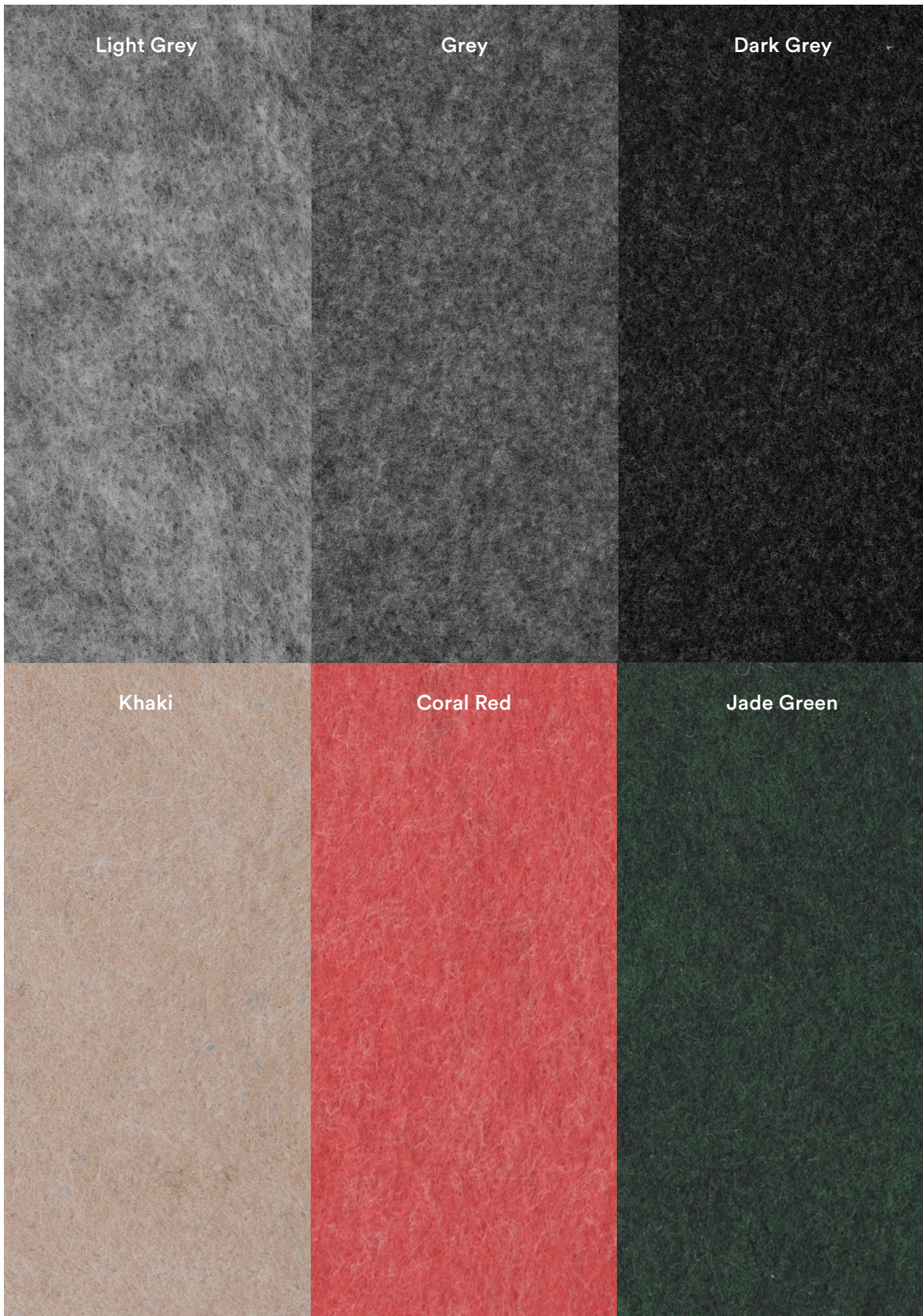Table Clamp Top   295×50×32 mm   11.61×1.97×1.26"

Table Stand   Ø150xh193 mm   Ø5.91xh7.6"

Floor Stand   Ø350xh891 mm   Ø13.8xh35.08"

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Colours

Light Grey

Grey

Dark Grey

Khaki

Coral Red

Jade Green

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Digital Toolkit

About: BAUX Digital Toolkit is a free resource packed with downloadable files that help working professionals design, sketch and construct sustainable, beautiful and acoustically pleasing environments for spaces of every size.

Download the full toolkit or specific files at baux.com

3D/CAD
For many professionals, computer-aided design is an indispensable tool when it comes to visualising designs for upcoming projects. All of our Acoustic Felt product files are available in formats compatible with AutoCAD, Sketchup, ArchiCAD, Rhino and more.

.3ds .dwg .dxf .igs .skp
.sldprt .step

BIM/Revit
Building information modelling is an essential tool used by professionals for virtual construction during the project planning process. All of our Acoustic Felt product files are available in compatible formats, including detailed elements featuring BAUX colour schemes.

.rfa

Keynote and Powerpoint
If you need help getting the ideation process rolling, our ready-to-go presentation is an excellent catalyst. Available in both Keynote and Powerpoint formats, it features "drag & drop" objects so you can start designing right away. Great for workshops and client meetings.

.key .pptx
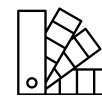
BAUX Patterns
BAUX Patterns makes it easier than ever to transform any space with a unique Acoustic Felt design. Select from over 500 pre-measured 3D patterns, each designed to repeat like wallpaper so you can quickly calculate exactly how many tiles you'll need for your project.

.png .tiff .jpg .dwg .txt

Adobe Illustrator
An easy and efficient design tool, a lot of professionals choose Adobe Illustrator to help bring their creative visions to life. All of our Acoustic Felt product files are ready to go in compatible formats for easy upload so you can start playing with shapes, colours and patterns.

.ai

Adobe Photoshop
A popular tool for editing photos and graphics. Adobe Photoshop can help you perfect your presentation and exhibit your design at its fullest potential. To make things easier, we supply high-resolution pictures of all Acoustic Felt products in vectorised PDF format.

.psd

Texture Files
The next best thing to experiencing it in person. Texture files give you an idea of what a material will bring to a space in terms of colour and feel. All of our Acoustic Felt product files are available in texture file formats. Great for renderings or as colour samples.

.ai

Mounting DWG
When it's time to build, we have the information you'll need to translate your designs from drawings to real life. We provide mounting files in DWG format, which can be attached to drawings, as well as installation instructions for the entire BAUX Acoustic Felt range.

.dwg

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Compositions of Ingredients

Composition of ingredients:

100 % PET whereof 60-65 % Post Consumer Recycled content
Oeko - Tex Standard 100, class I
100 % Recyclable.

GRS Certified source of recycled PET
Accredited by IOAS
Source: Recycling entities across Europe

The GRS is an international, voluntary, full product standard that sets out requirements for third-party certification of recycled content, chain of custody, social and environmental practices, and chemical restrictions. The goal of the GRS is to increase the use of recycled materials in products and reduce/eliminate the harm caused by its production. GCL Internationals´s accredited scope for GRS includes among other things content of recycled fibers in textile products and the content of recycled plastic in plastic products.

IOAS is a non-profit organization dedicated to the integrity of ecolabel claims in the field of organic and sustainable agriculture, environmental management, social justice, and fair trade. IOAS works internationally to assess the competence of organizations providing certification to "sustainability" standards such that producers can work in a fair environment and consumers can trust the products bearing these labels; our contribution to a more sustainable and fairer world.

Acoustic Performance

**Table screens
acoustic performance:**

**Floor screens
acoustic performance:**

Absorption area* (m2 Sabins)

Absorption area* (m2 Sabins)

Frequency Hz

Frequency Hz
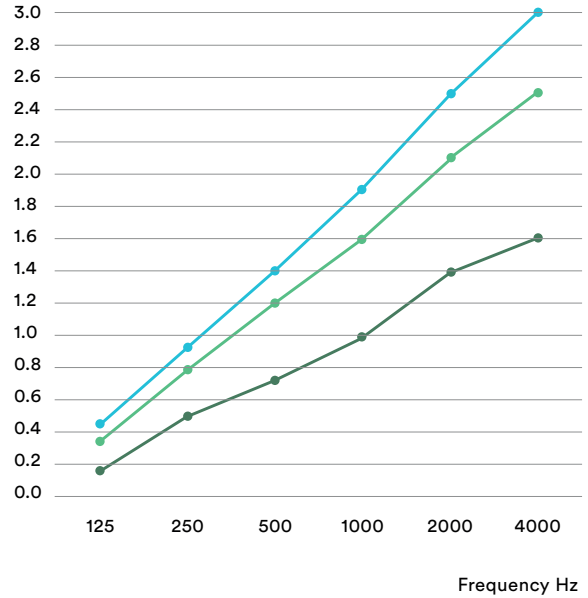
	Dimension	N$_{10}$**
●	70 × 40	36
●	70 × 60	26
●	120 × 40	22
●	120 × 60	14
●	140 × 40	17
●	140 × 60	12

	Dimension	N$_{10}$**
●	70 × 120	14
●	120 × 120	8,3
●	120 × 140	7.1

*Calculated sound absorption area from ISO 354:2003 reverberation room measurements, evaluated according to ISO 20189:2018

**N10 is the number of screens required to obtain 10 square meters effective sound absorption area for speech. Technically, the N10 measure is based on the unisex speech spectrum found in IEC 60268-16, and it was found that the 500 Hz octave band has the largest impact. The N10 measure is calculated from the product's sound absorption area in the octave bands between 125 - 4000 Hz (following the Swedish standard SS 25269). The N10 value is simply 10 divided by the sound absorption area at 500 Hz. N10 is therefore a simple way to describe the effective sound absorption for speech of single products, and the requirement can be adapted to various product sizes. Source: acousticfacts.com

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Specification Codes - Panels and Accessories

Product:	Colour	Spec Code	Colour	Spec Code

**Recycled PET
w.70 x h.40**

	Colour	Spec Code
	Light Grey	FEP-001-05
	Grey	FEP-001-06
	Dark Grey	FEP-001-07
	Khaki	FEP-001-08
	Coral Red	FEP-001-09
	Jade Green	FEP-001-10

**Recycled PET
w.70 x h.60**

	Light Grey	FEP-002-05
	Grey	FEP-002-06
	Dark Grey	FEP-002-07
	Khaki	FEP-002-08
	Coral Red	FEP-002-09
	Jade Green	FEP-002-10

**Recycled PET
w.120 x h.40**

	Light Grey	FEP-003-05
	Grey	FEP-003-06
	Dark Grey	FEP-003-07
	Khaki	FEP-003-08
	Coral Red	FEP-003-09
	Jade Green	FEP-003-10

**Recycled PET
w.120 x h.60**

	Light Grey	FEP-004-05
	Grey	FEP-004-06
	Dark Grey	FEP-004-07
	Khaki	FEP-004-08
	Coral Red	FEP-004-09
	Jade Green	FEP-004-10

**Recycled PET
w.140 x h.40**

	Light Grey	FEP-005-05
	Grey	FEP-005-06
	Dark Grey	FEP-005-07
	Khaki	FEP-005-08
	Coral Red	FEP-005-09
	Jade Green	FEP-005-10

**Recycled PET
w.140 x h.60**

	Light Grey	FEP-006-05
	Grey	FEP-006-06
	Dark Grey	FEP-006-07
	Khaki	FEP-006-08
	Coral Red	FEP-006-09
	Jade Green	FEP-006-10

**Recycled PET
w.70 x h.120**

	Light Grey	FEP-007-05
	Grey	FEP-007-06
	Dark Grey	FEP-007-07
	Khaki	FEP-007-08
	Coral Red	FEP-007-09
	Jade Green	FEP-007-10

**Recycled PET
w.120 x h.120**

	Colour	Spec Code
	Light Grey	FEP-008-05
	Grey	FEP-008-06
	Dark Grey	FEP-008-07
	Khaki	FEP-008-08
	Coral Red	FEP-008-09
	Jade Green	FEP-008-10

**Recycled PET
w.140 x h.120**

	Light Grey	FEP-009-05
	Grey	FEP-009-06
	Dark Grey	FEP-009-07
	Khaki	FEP-009-08
	Coral Red	FEP-009-09
	Jade Green	FEP-009-10

**Accessories:
Table Clamp Top
Box 2 pcs**

	White	XFE-001-01
	Black	XFE-001-02

**Accessories
Table Clamp Side
Box 2 pcs**

	White	XFE-002-01
	Black	XFE-002-02

**Accessories
Table Stand
Box 2 pcs**

	White	XFE-003-01
	Black	XFE-003-02

**Accessories
Floor Stand
Box 2 pcs**

	White	XFE-004-01
	Black	XFE-004-02

**Accessories
Floor Stand
Single**

	White	XFE-005-01
	Black	XFE-005-02

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Let´s build!