

The background of the image shows various pieces of laundry, including pink and white t-shirts and underwear, hanging on a green clothesline. In the foreground, a black rectangular speaker with a silver circular grille is mounted on a wooden block. The word "Foos" is written in a large, white, stylized font with a thick black outline, centered over the speaker.

Foos

PRODUCTS & SERVICES

2026

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Foose Materials

Nothing wasted

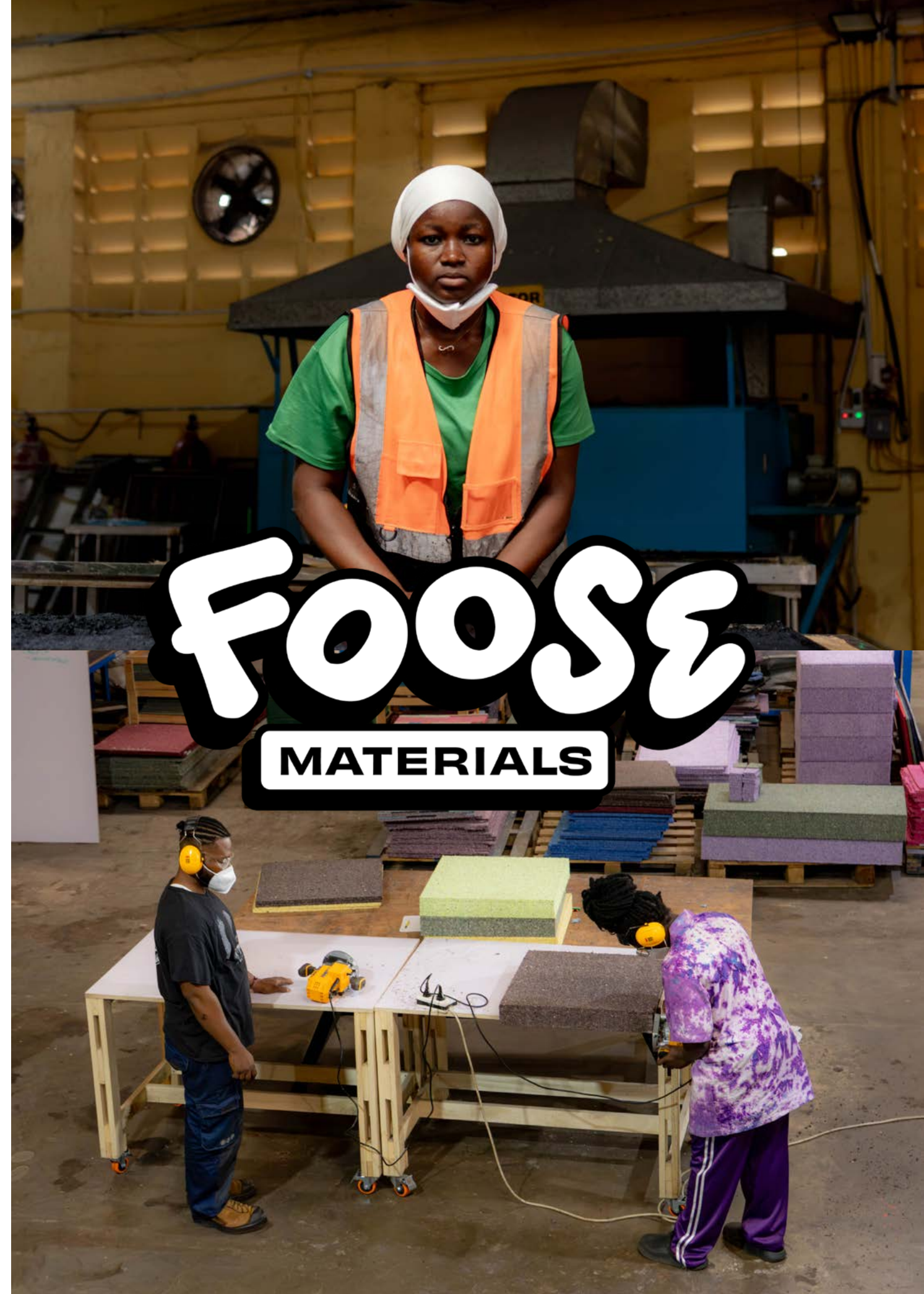
Only 1% of clothing produced today is recycled into new clothing and yet the fashion industry continues to overproduce. The burden of managing this waste often falls on communities like Kantamanto, the largest secondhand clothing market in the world. While the Kantamanto community resells, repairs and upcycles what they can, the deteriorating quality and low value of fast fashion products has nearly collapsed this once thriving ecosystem. Industry accountability is needed alongside community-driven solutions.

Enter Foose Materials.

We have developed the methodology, technological infrastructure and community value chain to fairly and safely collect, sort, transport, store and process industrial scale quantities of clothing waste along the waste hierarchy of most efficient use with the capacity to process 1 ton per day.

The material systems we develop are based within the Kantamanto Market ecosystem. As part of building and maintaining the tools for textile waste transformation, our fabrication process offers training and employment pathways for apprentices from across our communities of impact.

Integral to these various initiatives, we regularly audit fashion's waste stream flowing through Kantamanto and we buy material that would otherwise be regarded as waste in order to fairly compensate the retailers and upcyclers who often operate in debt trying to recirculate the unwanted clothing



Shredulated

Grades:

- Coarse Shred
- Granulated 24mm
- Granulated 10mm

All grades from cotton dominant jersey knit tees

Lead Time:

1 day

Custom Colors: +1 month

MOQ:

EXW

Custom Colors: 25 kg

Purchasing:

1. Custom Specs Require Prepayment
2. Delivery Terms Negotiable
3. On-site purchase of in-stock material also available.

Additional Information:

Lead time for custom colors will be provided after the specifications have been delivered and reviewed. While many colors are available, a custom color match can require over 1 month of collection to fulfill.



Cassaboard

The Material

Cassaboard is a biocomposite made from post-consumer clothing waste and cassava-based binders.

Board composition, cotton-blend with post-consumer textile waste mixed with a proprietary cassava-based binder. 57% of each board by weight is recycled post-consumer textiles. 43% is a natural binding agent.

The resulting material is durable, mold and fire-resistant, and offers superior sound absorption, with potential applications ranging from interior building panels to furniture and other acoustic products.

Cassaboard currently comes in two thicknesses 14mm and 28mm with a standard dimension of 610mm x 1220mm.

The colors come entirely from the recycled fabric. No added dyes.

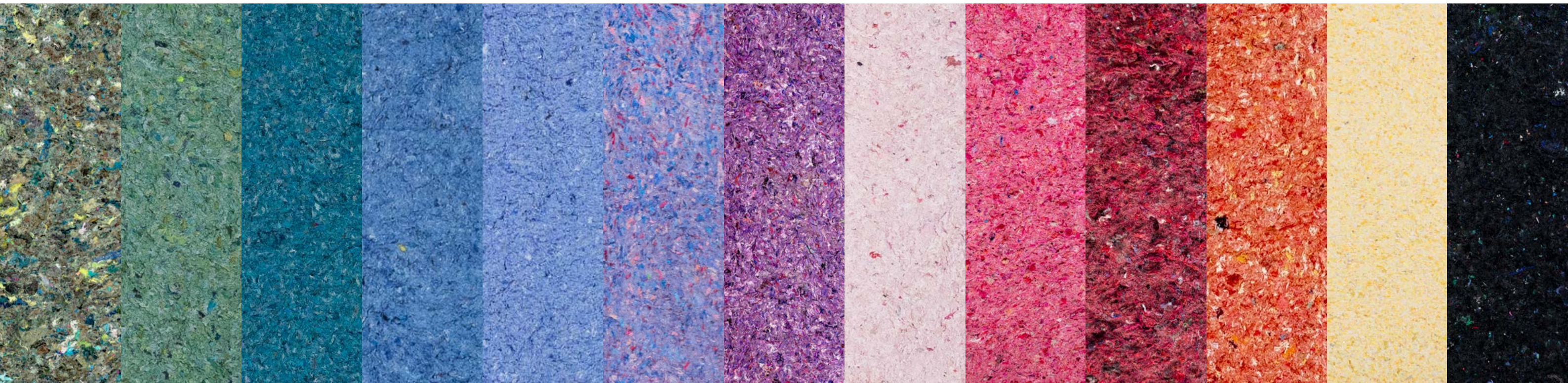


Colors and Finish Range

Finish:
Planed Smooth

Color Availability:
Available color inventory upon request

- Standard colors stock:**
- Black
 - Black w speckles (warm, cool, neutral, mixed tones)
 - Light blue
 - BlueBlack / Navy Blue
 - Light Pink
 - Grey
 - Unsorted variegated

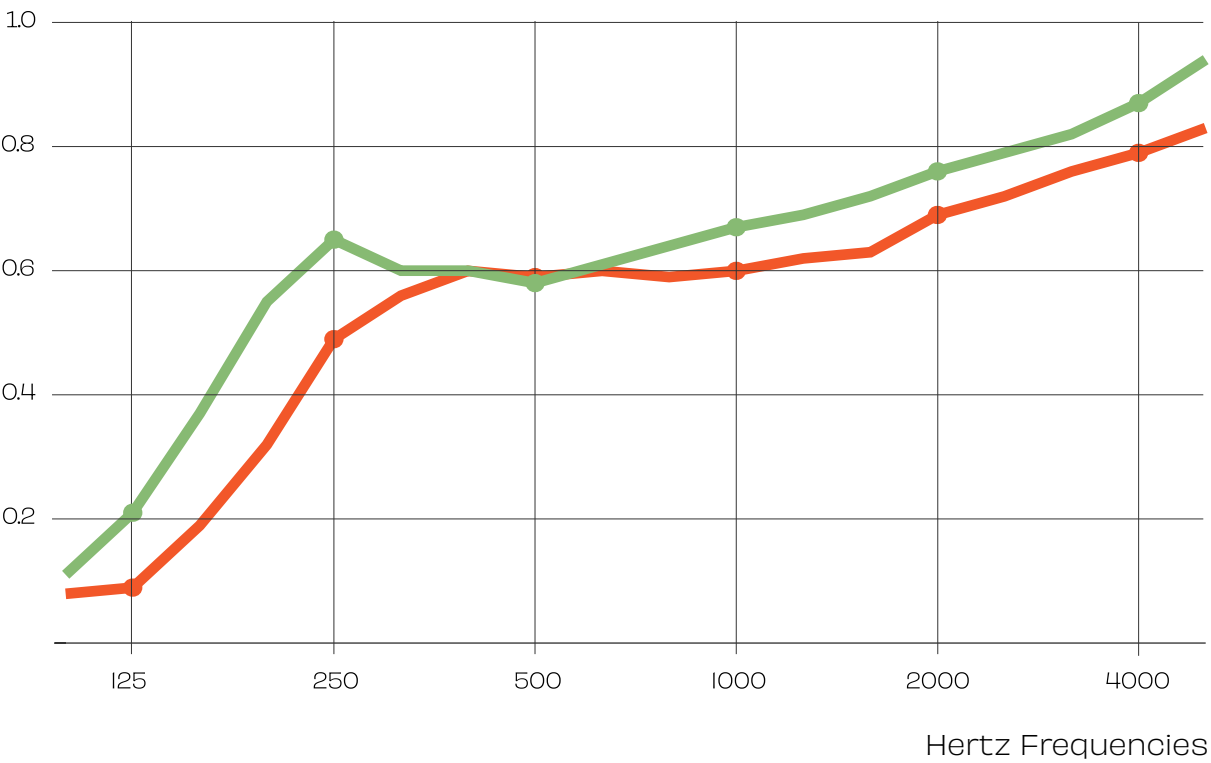


Technical Data Sheet

Composition	Cotton and Mixed fibers, Cassava glue
Thickness	14 mm / 28mm
Density	397 kg/m3
Air Space Depth	28 mm
Tile Dimensions	600 mm × 600 mm
Acoustic Performance - ASTM C423	NRC 0.6-0.65
Fire Rating - ASTM E84	Class A
Volatile Organic Compound Emissions - CPHD	
Fungal Growth - ASTM C1338	
Thermal Conductivity - ASTM E84	

Cassaboard is an entirely handmade product made from recycled materials and may have slight variation in density and dimension. We carry out dimensional control to limit variations to within ±3mm

Sound Absorption - ASTM C423



	t (mm)	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
1 Layer	14mm	0.09	0.49	0.59	0.60	0.69	0.79
2 Layers	28mm	0.21	0.65	0.58	0.67	0.76	0.87

Cassboard Specs

Colors:

- Standard: See color range page
- Custom Color: *Consultation required*

Dimensions:

610mm x 1220mm x 14mm
610mm x 1220mm x 28mm

Weight:

14mm: 4 kg
28mm: 8 kg

Density:

400 kg/m3

Ratings:

Class A fire rating – ASTM E84
NRC 0.60 – ASTM C423
SAA 0.58 – ASTM C423

Lead Time:

2 weeks

MOQ:

EXW
Custom Colors: 100 boards

Purchasing:

1. 100% For in-stock
2. 70% Deposit for Custom
3. Delivery terms depending on country

Shipping:

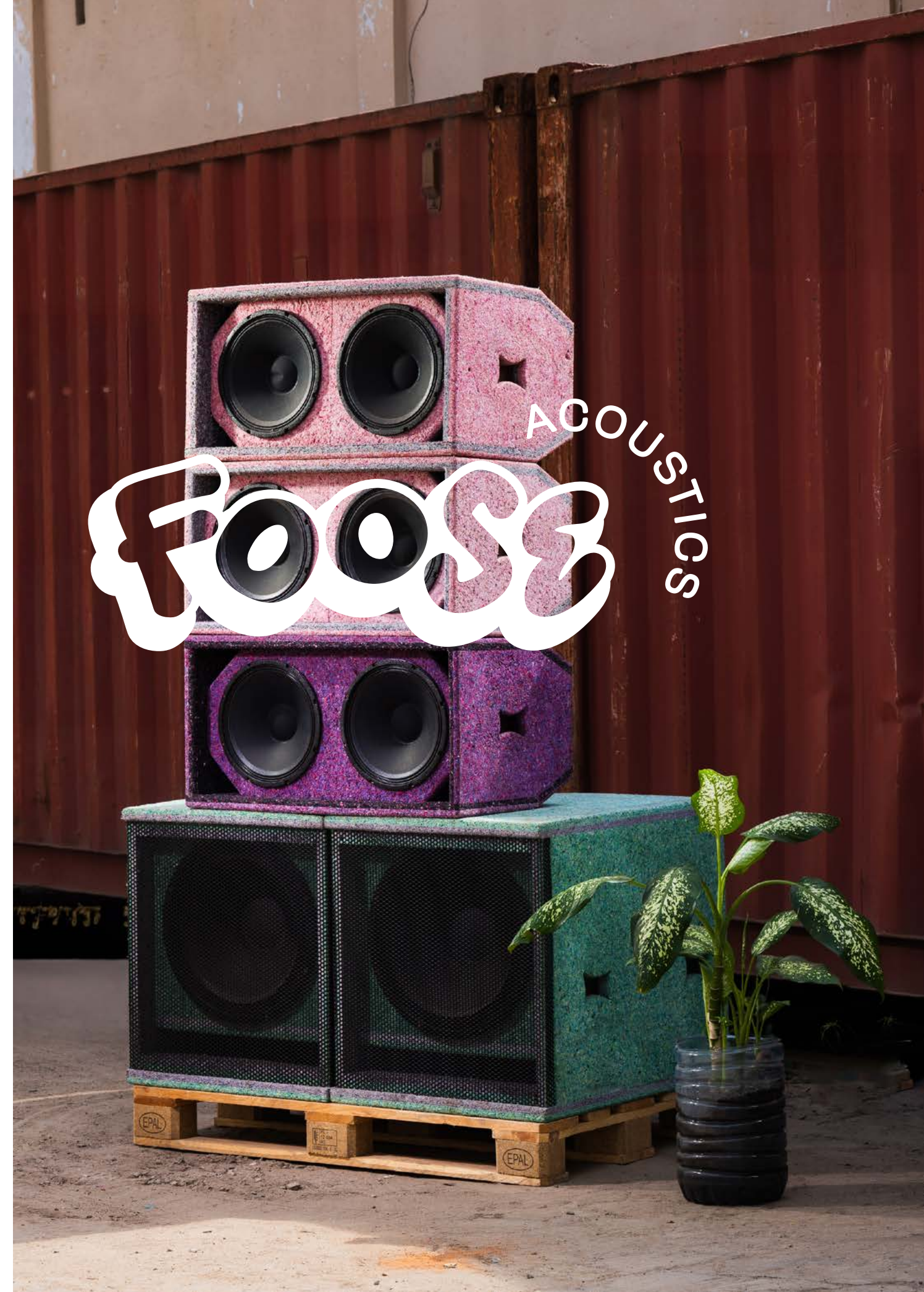
5 boards per box / 100 boards per pallet
Packed Dimensions = Length 122cm x Width 62cm x Height 160cm
(includes pallet height)
Gross Weight = 530kg



Foose Acoustics

Nothing new, just good sound

Thanks to Cassaboard's superior sound absorption properties, it's the perfect base material for the Foose Acoustics line featuring bookshelf speakers and geometric acoustic panels. The bright colours in each piece are drawn entirely from the recycled textiles meaning no additional dyes are used throughout the process.



Acoustic Range

Plain Acoustic Panels

Styles:

- Plain

Colors:

Standard: See color range page

Custom Color: *Consultation required*

Dimensions:

600mm x 600mm x 14mm

Density:

400 kg/m³

Ratings:

Class A fire rating - ASTM E84

NRC 0.60 - ASTM C423

SAA 0.58 - ASTM C423

Lead Time:

2 Months

MOQ:

EXW

Custom Colors: 50 panels

Purchasing:

1. 100% for in-stock
2. Delivery terms depending on country

Additional Information:

Our panels come with a French cleat attachment system requiring little drilling.

These panels are only meant for indoor usage, installing them outdoor could significantly reduce their sound absorption effectiveness.



Volume Acoustic Panels

Styles:

- Satin
- Matt
- Twill
- Houndstooth

Colors:

Standard: See color range page

Custom Color: *Consultation required*

Dimensions:

600mm x 600mm x 28mm

Density:

400 kg/m³

Ratings:

Class A fire rating – ASTM E84

NRC 0.65 – ASTM C423

SAA 0.66 – ASTM C423

Lead Time:

2 Months

MOQ:

EXW

Custom Colors: 50 panels

Purchasing:

1. 100% for in-stock
2. Delivery terms depending on country

Additional Information:

Our panels come with a French cleat attachment system requiring little drilling.

These panels are only meant for indoor usage, installing them outdoor could significantly reduce their sound absorption effectiveness.



Volume Design Range

Satin



Matt



Twill



Houndstooth



Patchwork Acoustic Panels

Styles:

- Patchwork

Colors:

Stock: *See what we have in stock*

Custom Color: *Consultation required*

Dimensions:

600mm x 600mm x 28mm

Density:

400 kg/m³

Ratings:

Class A fire rating – ASTM E84

NRC 0.65 – ASTM C423

SAA 0.66 – ASTM C423

Lead Time:

2 Months

MOQ:

EXW

Custom Colors: 50 panels

Purchasing:

1. 100% for in-stock
2. Delivery terms depending on country

Additional Information:

Our panels come with a French cleat attachment system requiring little drilling.

These panels are only meant for indoor usage, installing them outdoor could significantly reduce their sound absorption effectiveness.



Deep Air Acoustic Panels

Styles:

- Deep Air

Colors:

Standard: See color range page

Custom Color: *Consultation required*

Dimensions:

600mm x 600mm x 75mm or 150mm

Density:

400 kg/m³

Ratings:

Class A fire rating – ASTM E84

Lead Time:

2 Months

MOQ:

EXW

Custom Colors: 26 panels (75mm) or 16 panels (150mm)

Purchasing:

1. 100% for in-stock
2. Delivery terms depending on country

Additional Information:

Our panels come with a French cleat attachment system requiring little drilling.

These panels are only meant for indoor usage, installing them outdoor could significantly reduce their sound absorption effectiveness.



Cloud Acoustic Panels

Styles:

- Cloud

Colors:

Standard: See color range page

Custom Color: *Consultation required*

Dimensions:

600mm x 600mm x 150mm

Density:

400 kg/m³

Ratings:

Class A fire rating – ASTM E84

Lead Time:

2 Months

MOQ:

EXW

Custom Colors: 8 panels

Purchasing:

1. 100% for in-stock
2. Delivery terms depending on country

Additional Information:

These panels are only meant for indoor usage, installing them outdoor could significantly reduce their sound absorption effectiveness.



Bookshelf Speaker Enclosures

Styles:

- Speckled Black
- Custom Color: *Consultation required*

Dimensions:

355mm x 405mm x 220mm

Weight:

11.75 kg (each)

Lead Time:

Order based

MOQ:

EXW

Purchasing:

1. 100% for in-stock
2. Delivery terms depending on country

Additional Information:

Sandcasted bezels from recycled aluminum.
Please note that one pallet layer can fit 8 units or 4 pairs
can be double stack.



Audio Rental

Commercial Public Address System Rental

Location:

Accra Only (*For Now*)

Types:

- 500 Watt 12" Coaxial Pairs
- 800 Watt 18" Subwoofers
- System Range 500–8,000 Watts

Additional Information:

Full mixing board, wireless microphone suite, system tuning and delays available.

Hired kit or engineering services available.



Tarnty

From Yarn To Tees To Tarn

Thickness:

- 5mm
- 10 mm
- 15 mm
- 20 mm

Dimensions:

Directly correlated to weight

Weight:

Non-Standard weight

Composition:

Fiber composition is recorded per ball based on NIR scanning and indicated on packaging.

Lead Time:

EXW

MOQ:

EXW

Purchasing:

1. 100% for in-stock
2. 70% deposit for custom orders
3. Delivery terms depending on country

Additional Information:

TARNTY balls are yarn spools made from post-consumer t-shirt waste with a dominant of cotton, actual composition varies from ball to ball.

They can be used as an alternative to virgin yarns for both craft and industrial weaving, crochet, knitting and more.



Additional Information

Delivery Terms and Cost

All pricing exclusive of delivery fees, VAT and any duties.
Delivery terms may vary on a case-by-case basis.

Custom Orders

Most of our products, including Cassaboards, can be customized with your preferred colors and branded elements to match your business identity or project specifications. Please get in touch with us to learn more about MOQs for custom orders.

Contact

For any order or enquiries please reach out to
foose@theor.org





Thank You.