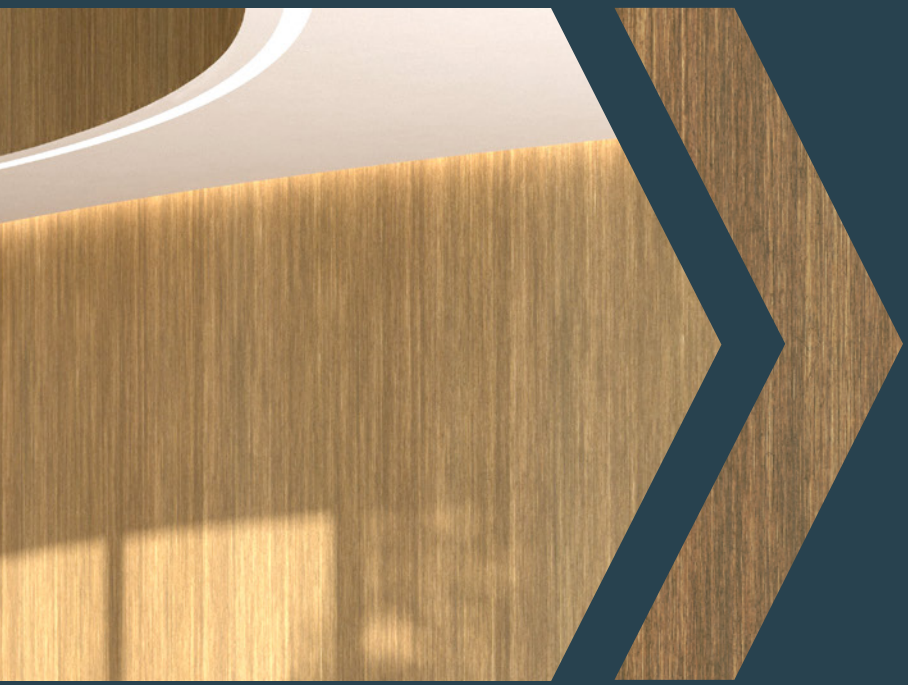
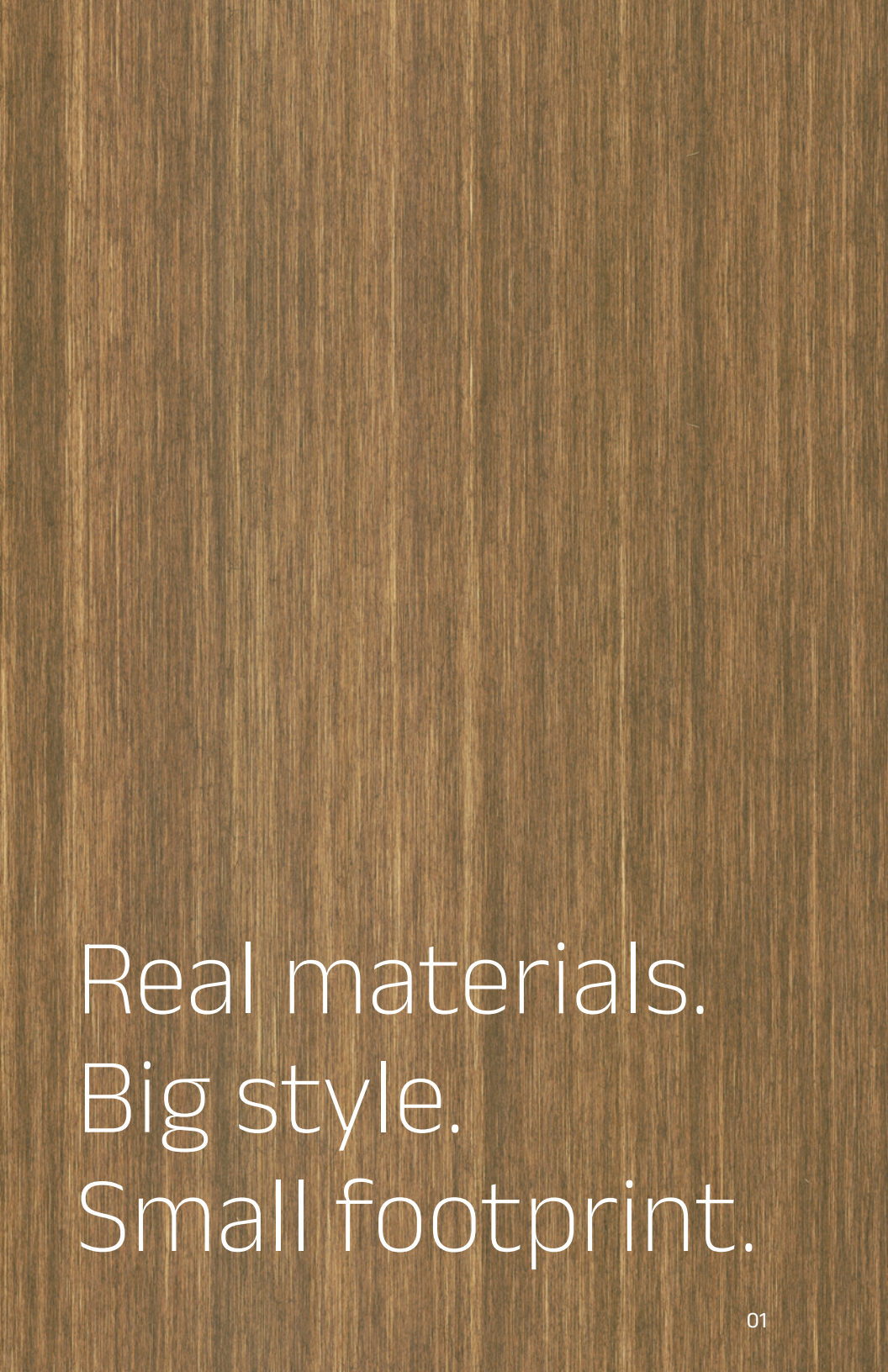
ekoa®
by Lingrove




Real materials.
Big style.
Small footprint.

REAL MATERIALS. BIG STYLE.
SMALL FOOTPRINT.

This is ekoa®

Transform spaces with impact-resistant, eco-friendly wall coverings, perfect for hospitality, healthcare, workplaces, and more.

Made from renewable, crazy-strong flax— natural wall protection that's flat-out beautiful.

ekoa® is bio-based, Red List Free, and made from rapidly renewable flax. It's natural wall protection with no trade-offs. No compromises. Just smart, stunning design.

› Supports human health

LOW VOC

Indoor air pollution in homes, workplaces, and schools is often 2-5 times higher than outdoor levels and can be up to 100 times worse. Unlike traditional PVC wall protection products, ekoa® is low VOC, making it a healthier choice for the spaces where we spend so much time.

› Earth-kind by design

RAPIDLY RENEWABLE

Flax grows in just 90 days, making it a fast, efficient resource—unlike trees, which take decades to mature.

BIO-BASED

From flax to finish, ekoa is made without the petroleum-based stuff—just plant-based ingredients, not fossil fuels.

REDUCES CARBON

Flax is a carbon-negative plant that requires no heavy fertilizers or intense irrigation, and it absorbs 1.4 kg CO_2 per kg of fiber as it grows—so its impact is not just neutral, but positive.

ekoa® is flax-driven sustainability

STEP 1

Flax plant

Carbon-negative flax is harvested, and with regrowth in 90 days, we maintain a sustainable, continuous supply of high-quality fibers.

STEP 2

Roving

The dried fibers are organized and wound into long bundles for processing into textiles and fabric.

Crafted in the USA

STEP 3

Flax fabric

The roving is made into a beautiful, unidirectional fabric that creates the base for our innovative composites.

STEP 4

ekoa®

Through our proprietary technology, we add plant resin to transform flax fabric into high-performance ekoa sheets.

Think gorgeous walls. Everywhere.

ekoa® is a veneer-like sheet that installs directly on Level IV drywall or other substrates for wall protection, or it can be cold pressed for millwork applications.

TRANSPORTATION

WORKPLACE

HEALTHCARE

HOSPITALITY

DIAMOND EDGE VENTURES

Project type
Workplace

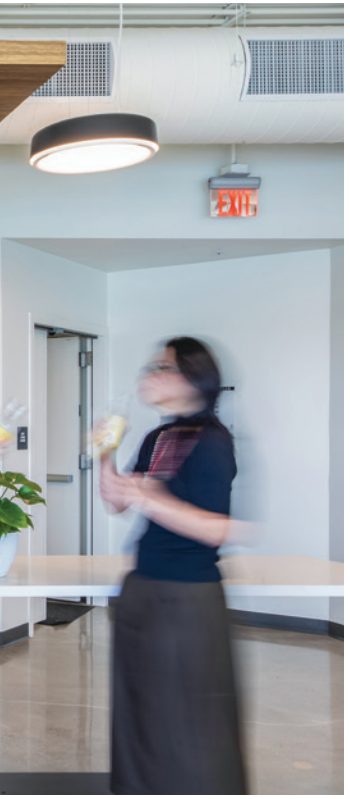
Location
San Francisco, CA

Specifier
Client Facilities Design

Install Type
Walls

Color
Essential


Our goal:
The world
consume
comes fr



EAT JUST, INC

Project type
Workplace

Location
Alameda, CA

Specifier
Client Facilities Design

Install Type
Walls/Ceilings

Color
Bare

9ZERO CLIMATE INNOVATION HUB

Project type
Workplace

Location
San Francisco, CA

Specifier
Gensler

Install Type
Walls

Color
Carbon


ZERO


PUBLIC NOTICE OF APPLICATION
TO SELL ALCOHOLIC BEVERAGE

INDIEBIO - AMENITY SPACE

Project type
Workplace

Location
San Francisco, CA

Specifier
Client Facilities Design

Install Type
Walls

Color
Essential

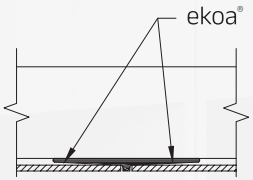
From spark to creation

Endless flow

Seamless sheet-to-sheet installation creates beautifully continuous walls. The uniform grain of ekoa® eliminates the need for veneer/pattern matching.

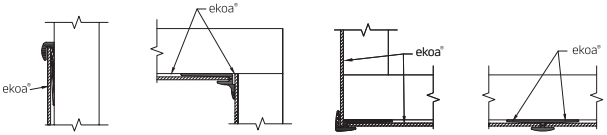
Millwork looks for less

Create a paneled look without the cost of millwork



High-end refinements

Use metal trim pieces for a refined, high-end look. Get clean corners and smooth panel-to-panel connections for an elegant finish.



Edge capture | Inside corner | Outside corner | Butt seam

The curves you want

Unlike rigid wall protection panels that require excessive glue, fully supported ekoa bends to a tight 3-inch radius.

Backlighting for wayfinding & branding

ekoa® Bare is naturally translucent. Backlight it with LED panels or other lighting to create signage, wayfinding, and glowing walls.


ARDEX

› The ekoa® collection

PRODUCT DETAILS

Standard Size:

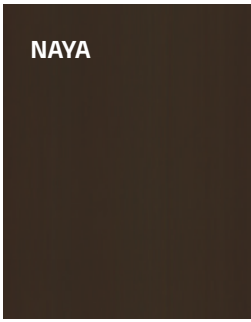
- **Thickness:** 1/32”
- **Width:** 4’
- **Length:** Available from 8’ up to 12’
- **Order Increment:** 1’

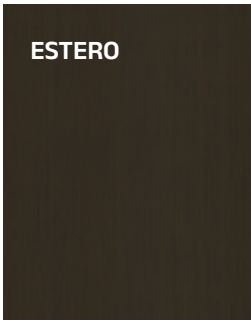
Custom Capabilities: Custom >12’ lengths available upon request

Lead Time: 2-6 weeks, call for quick orders

Country of Origin: United States

State of Origin: California





ekoa® is a veneer-like sheet that installs directly on level IV drywall or other substrates for wall protection, or it can be cold pressed for millwork applications.

› A clear choice

Characteristics vary from product to product, but when it comes to making a choice, ekoa® stands out as the clear winner.

		ekoa®
High performance	Impact resistant	✓
	Cleanable	✓
Exceptionally sustainable	Rapidly renewable	✓
	Carbon sequestering	✓
	Healthy indoor air quality	✓
Natural luxury	Pure, natural aesthetic	✓
	Real material	✓
Easy to install	Direct-to-drywall	✓

	Wall covering	Wall protection	Wood veneers
		✓	
		✓	
			✓
			✓
			✓
	✓	✓	

Wall protection spec sheet

Specifications	DIV 09 7200, 7700, 7756
Thickness	.032" +/_ .003" (.83 mm +/- .05mm)
Density	64.9 lb/ft^3
Width	4'
Sheet Sizes Sold in 1' increments	4' x 8' - 4' x 12'
Custom Lengths	Longer sheets available upon request
Material Composition	Red List Free
VOC Emissions	Clean Air GOLD
Chemical Composition	HPD Certification
Cleanability	Bleach Safe
Renewable Rate	90 Days
Country of Origin	USA
Acclimation	24 Hours
Backing	Cellulosic Backer
Installation	Random Reverse Hang
Recomended Adhesive	Roman Pro 111 or Roman 732 + Manufacturer Recommended Primer

Category	Test Method	Result
Tensile (Break) Strength	ASTM D751	Type III Heavy Duty
Tear Strength	ASTM D751	Unclassifiable
Coating Adhesion	ASTM D751	(N/A)
Abrasion	ASTM F793	Type III Heavy Duty
Colorfastness to Light (40hr)	FTM 5660.1	Pass
Blocking	FTM 5872	Type III Heavy Duty
Crocking	FTM 5651 Method B	Type III Heavy Duty
Cold Crack Resistance	ASTM F793	Unclassifiable
Heat Aging (7 days, 158F)	ASTM D751	Type III Heavy Duty
Shrinkage	ASTM D3597	Type III Heavy Duty
Stain Resistance	ASTM F793	Type III Heavy Duty
Washability	ASTM F793	Type III Heavy Duty
Scrubbability	ASTM F793	Type III Heavy Duty
Fire Rating	E084 Thickness	Exemption
Impact Resistance (Hard body)	ASTM C1629	Level I (50 ft-lbf)*

Millwork spec sheet

Specifications	Millwork DIV 06 22 00 | Specialty Casework DIV 12 35 00
Thickness	.032" +/- .003" (.83 mm +/- .05 mm)
Density	64.9 lb/ft^3
Width	4'
Sheet Sizes **Sold in 1' increments**	4' x 8' - 4' x 12' Edgebanding available in 13/16", 7/8", 15/16"
Custom Lengths	Longer sheets available upon request
Material Composition	Red List Free
VOC Emissions	Clean Air Gold
Chemical Composition	HPD Certification
Cleanability	Bleach Safe
Renewable Rate	90 Days
Country of Origin	USA
Acclimation	24 Hours
Backing	Cellulosic Backer
Installation	Cold Press Process with PVA Glue, adhered to standard substrates (MDF, Plywood, HDF, etc). Layups should be balanced with gator ply, ekoa®, or similar.
Recommended Edgebanding Adhesives:	Henkel Dorus KS 351, Festool 499812 EVA

ANSI/KCMA A161.1-2022 Cabinetry	Test Method				Result
Shrinkage and Heat Resistance	Specimens are placed at a 49ºC temperature and 70% humidity for 24 hours.				Pass
Hot and Cold Check Resistance	Specimens are placed in an environmental chamber at 49 ± 3ºC and 70 ± 5% humidity for one hour. The chamber then returns to room temperature and humidity for ½ hour, followed by a decrease to -21 ± 3ºC for one hour. Finally, the chamber again returns to room temperature and humidity conditions. Duration is 5 cycles.				Pass
Detergent and Water Resistance	A solution of 0.5% liquid dishwashing detergent was prepared. A cellulose sponge was then placed into the solution such that the sponge was protruding above the surface of the solution. The edge of the specimen was placed onto the wet sponge for 24 hours, without contacting the solution directly. Following the exposure, the specimens were dried with a clean cloth and promptly evaluated.				Pass
Chemical Resistance	Specimens exposed to various chemicals for 24 hours.	Vinegar Lemon Juice Orange Juice Grape Juice Tomato Ketchup	Pass Pass Pass Pass Pass	Olive Oil Alcohol (100 proof) Yellow Mustard (1 hour) Household Bleach 10% Household Bleach Coffee	Pass Pass Pass Pass Pass Pass

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