

Wall Protection Specifications



Made of rapidly renewable
flax and plant resins,
Ekoa is a high-performing,
bio-based composite material
that's perfectly suited for
gorgeous interiors & smart
design.

Carbon-neutral, low-VOC
and petroleum-free

Strong, durable,
and exceptionally
stain-resistant

Ideal for hospitality,
healthcare, schools,
workplaces, and other
commercial spaces

Seamless, sheet-to-sheet
installation directly onto
straight or curved drywall

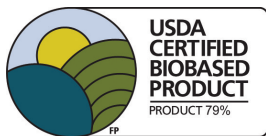
Made in our own factory,
sheet by sheet

Specifications

Specifications	Wall Covering – Div. 09 7200, 7700, 7756 Wall Protection – Div. 10 00 26
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
Recommended Adhesive	Roman Pro-111, -838, -774, or -880 + Manufacturer Recommended Primer
Warranty	Limited, 5-year warranty. Find details at www.ekoa.design/resources

Certifications

Environment, Health, Sustainability + Materials Origin



USDA Certified
Biobased Product



Declare
Red List Free



Health Product
Declaration



mindful
Materials



Environmental Product
Declaration



Clean Air
GOLD Certified



MindClick Rated
Leader



Build America,
Buy America Compliant



PFAS
Free

Use of Ekoa may contribute
to earning LEED® credits.

Find additional information at:
www.ekoa.design/resources

WALL PROTECTION SPECS 1.5

Test Results

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 (40 hours)	FTM 5660.1	Pass
Blocking	FTM 5872	Type III Heavy Duty
Croaking	FTM 5651 Method B	Type III Heavy Duty
Cold-Crack Resistance	ASTM F793	Unclassifiable
Heat Aging (7 days, 158° F)	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
Scrubability	ASTM F793	Type III Heavy Duty
Fire Rating	E084 Thickness	Exemption
Impact Resistance (Hard Body)	ASTM C1629	Level I (50 ft-lbf)*

*Level I impact on standard drywall. Use high-impact drywall for Level III resistance. Not recommended for significantly wet or damp environments without prior consultation. Seal exposed edges with waterproof sealant where water exposure is possible. Not intended for floor-level termination — specify a resilient base at floor transitions.

Attribute Comparison

		Ekoa	Traditional Wall Covering	Traditional Wall Protection
High Performance	Impact resistant	✓		✓
	Cleanable	✓		✓
Exceptionally Sustainable	Rapidly renewable	✓		
	Carbon sequestering	✓		
	Healthy indoor air quality	✓		
Natural Luxury	Biophilic design	✓		
	Real, bio-based material	✓		
Easy to Install	Direct-to-drywall	✓	✓	✓

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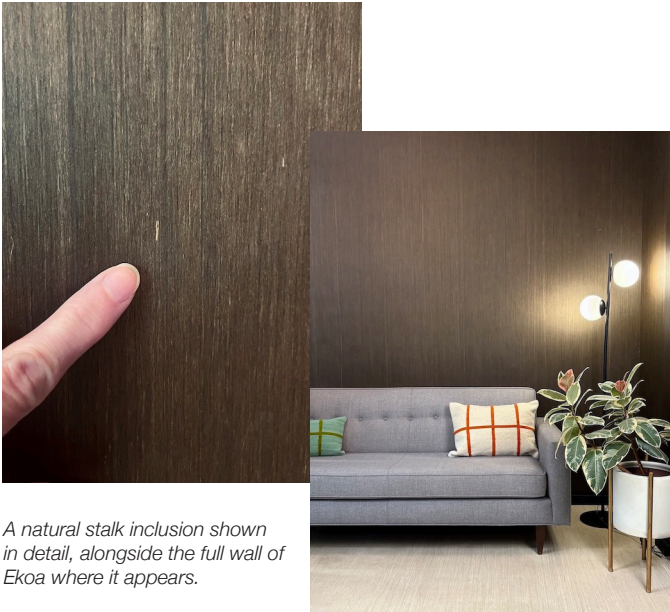
(440) 248-0000

Natural Variations

Ekoa is a sustainable composite material made from renewable flax fibers and bio-based resins. Its natural composition results in organic variations — including small stalk inclusions and occasional cross-directional fibers — that are inherent to the material and contribute to its authentic appearance. These are visible traces of the flax plant itself, not manufacturing flaws: because Ekoa is made from a natural agricultural fiber rather than a synthetic or printed material, they're expected and give each sheet its individual character.

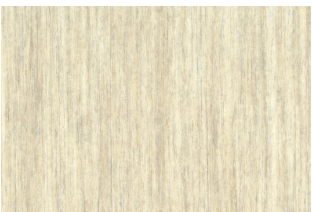
As each Ekoa sheet is unique, these natural variations allow for seamless installation without the need for repeating patterns as found in bookmatched wood or printed laminates. Rigorous quality controls ensure consistency and prevent contrasting variants from dominating any given area of a sheet.

At industrial scale, eliminating natural variations would compromise the material's integrity and sustainability. We embrace these subtle differences as part of Ekoa's commitment to authenticity and environmental responsibility.

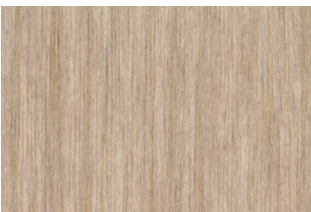


A natural stalk inclusion shown in detail, alongside the full wall of Ekoa where it appears.

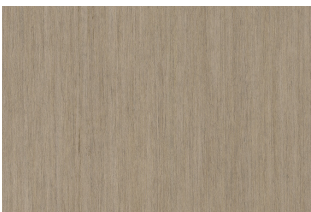
Core Collection: Color Finishes



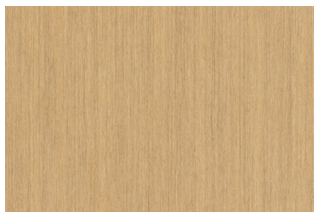
SALDO AD-A02019



ESSENTIAL AD-A02015



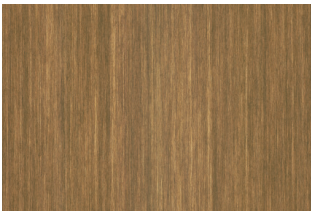
INSPIRE AD-A02021



DUNE AD-A02026



NUTSHELL AD-A03020



BARE AD-A01018



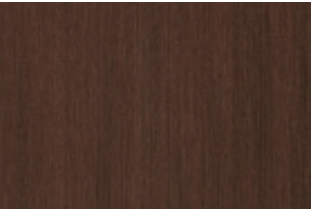
VAPOR AD-A02017



TRUE AD-A01016



UMBER AD-A03027



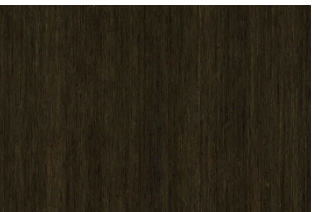
PORT AD-A04029



NAYA AD-A02022



ESTERO AD-A02023



GRAPHITE AD-A03028

ColorBurst Collection: Color Finishes



TOMATO

AD-A05031



POMEGRANATE

AD-A05032



CARDINAL

AD-A05033



SANGRIA

AD-A05034



BOYSENBERRY

AD-A05035



FOX

AD-A05040



CARNELIAN

AD-A05039



PAPRIKA

AD-A05038



PERSIMMON

AD-A05037



TIGER

AD-A05036



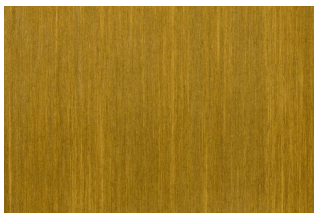
POPPY

AD-A05045



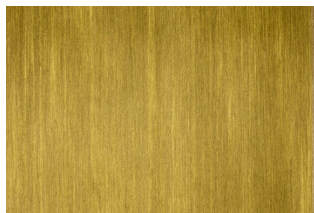
TANGELO

AD-A05044



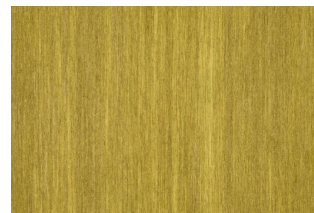
SAFFRON

AD-A05041



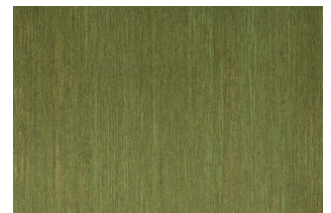
DIJON

AD-A05042



CITRON

AD-A05043



BAMBOO

AD-A05047



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ColorBurst Collection: Color Finishes



PEAPOD AD-A05048



CROCODILE AD-A05046



PARROT AD-A05049



JADE AD-A05050



EMERALD AD-A05051



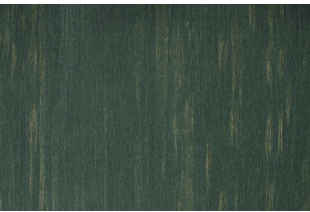
CANOPY AD-A05052



GLACIER AD-A05057



CERULEAN AD-A05056



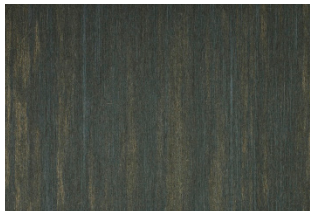
OCEAN AD-A05053



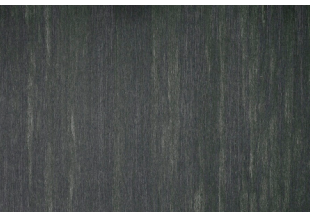
SAPPHIRE AD-A05058



COBALT AD-A05059



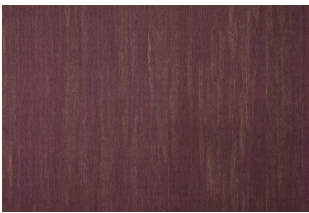
DENIM AD-A05060



MIDNIGHT AD-A05054



MARIANA AD-A05055



PLUM AD-A05061



MULBERRY AD-A05065



WISTERIA AD-A05064



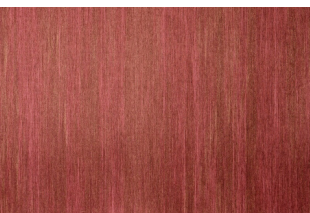
WILDBERRY AD-A05063



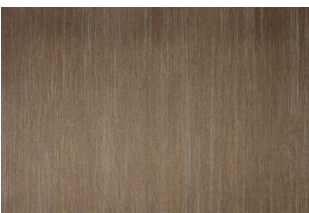
FUCHSIA AD-A05066



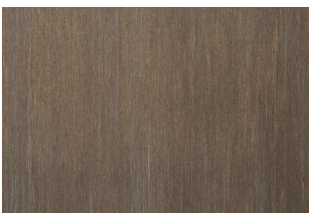
HIBISCUS AD-A05067



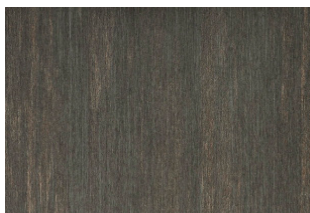
AZALEA AD-A05062



STONE AD-A05070



SMOKE AD-A05069



FLINT AD-A05068

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Application Possibilities

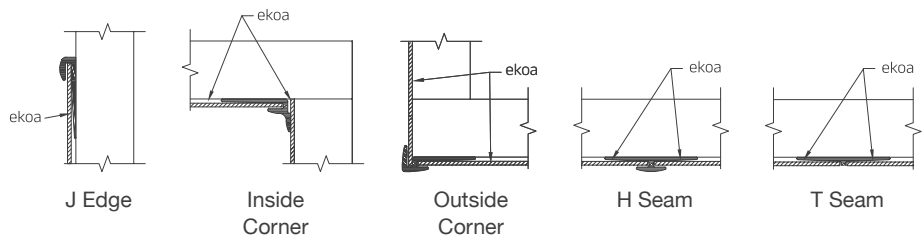
CURVES

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



WALL TRIM

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



BACKLIGHTING

Ekoa® Bare is naturally translucent. Backlight* it with LED light panels (by others) to create branding, signage, wayfinding, and glowing walls.



Visit www.ekoa.design/resources to view and download informative wall trim and backlighting documents.



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Basic Cleaning Info

Dust Ekoa surfaces regularly using a soft brush or microfiber cloth to help maintain appearance and extend lifespan. For smudges or stains, use a damp sponge or microfiber cloth with a mild soap or water-based cleaner. For tougher stains, a diluted bleach solution (10:1 water to bleach) may be used.

Find additional cleaning and care information at:
www.ekoa.design/resources

Stain Pen Color Mapping

When installing any of Ekoa's Core collection colors with exposed edges, we recommend using a stain pen for the most finished look. Stain pens can also be used to touch up light scuffs or scratches.

	Saldo	Not Needed
	Essential	Minwax Golden Oak
	Dune	Old Masters Natural
	Inspire	Minwax Golden Oak
	Nutshell	Minwax Golden Oak
	Umber	Dewel Cherry
	Naya	Old Masters Deep Brown
	Estero	Old Masters Deep Brown
	Graphite	Dewel Black
	Vapor	Dewel Grey
	Port	Rust-Oleum Mahogany
	Bare	Minwax Golden Oak
	True	Rust-Oleum Cherry