



Spanish By
Nature

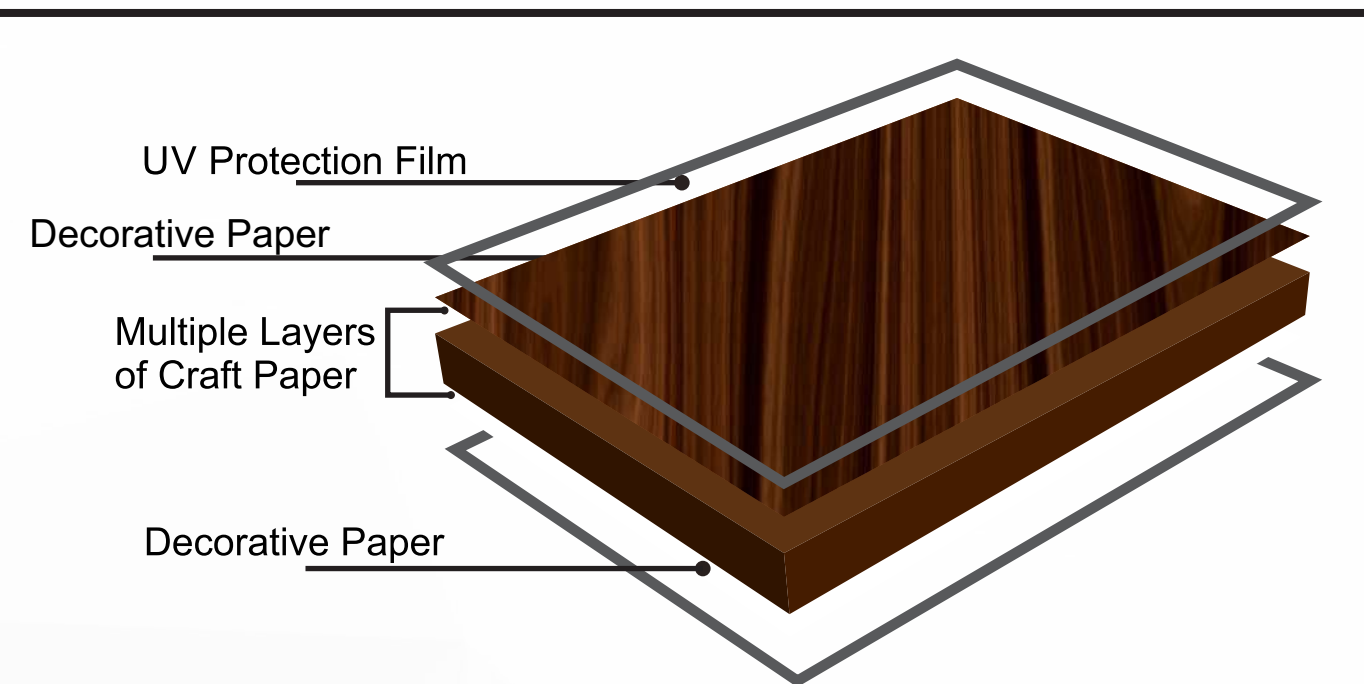


10
YEARS
WARRANTY*
Resistance to all sort of
Weather Conditions

India's First High Pressure Laminates

Conditions Apply

SPECIFICATIONS



PRODUCT DESCRIPTION

Exterior compact laminate is a solid phenolic, engineered exterior facade panels have a decorative surface on both sides. Robust and resilient, these rigid homogeneous panels are manufactured by Royale Touche Groups, using tough thermosetting resins reinforced with cellulose fibre for added strength and durability.

An acrylic overlay provides enhanced UV protection and the panels are rigorously tested for severe use accordance with EN-438-6, making them ideal for application in ventilated rain screen facades and other external building elements.

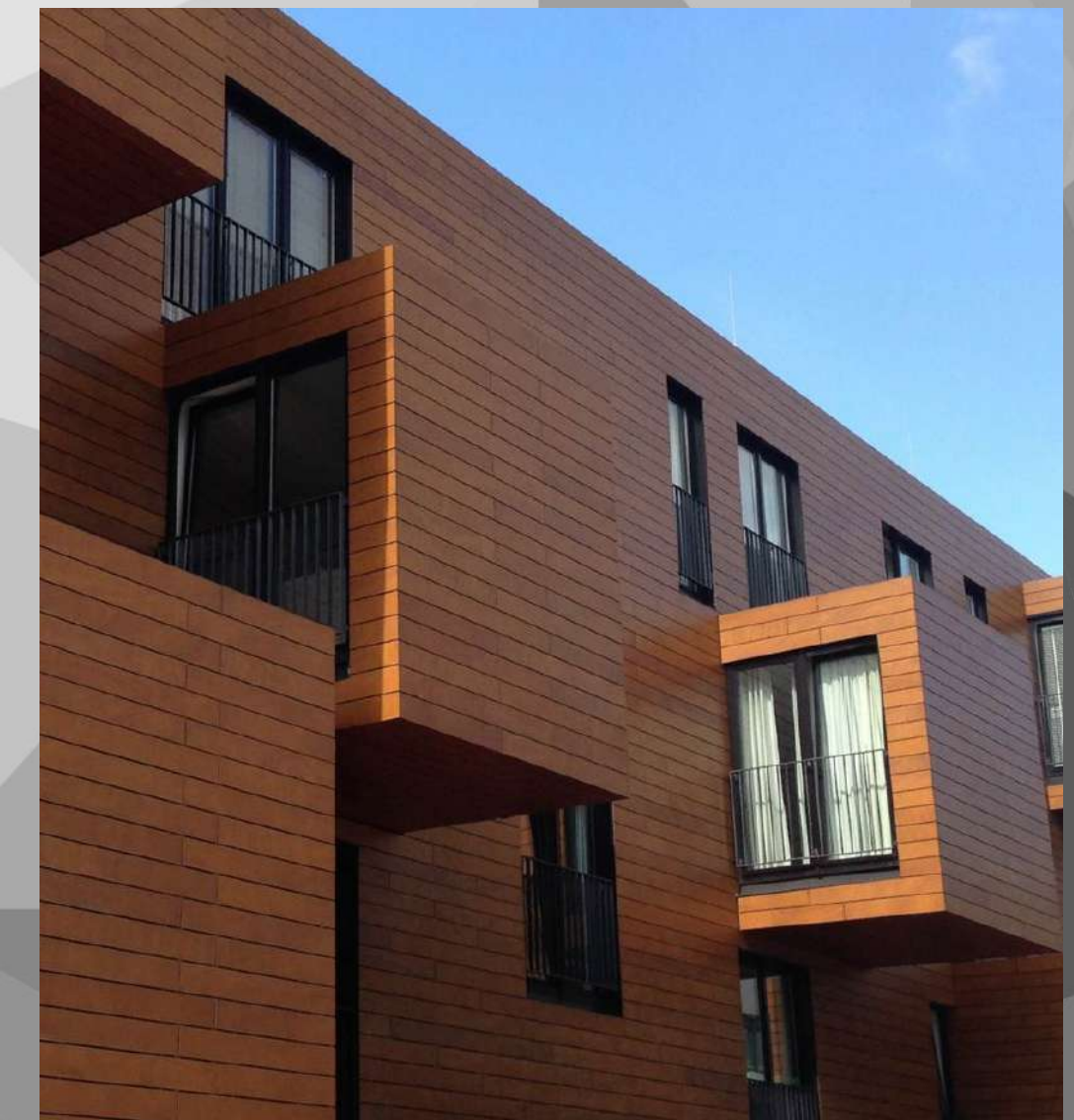
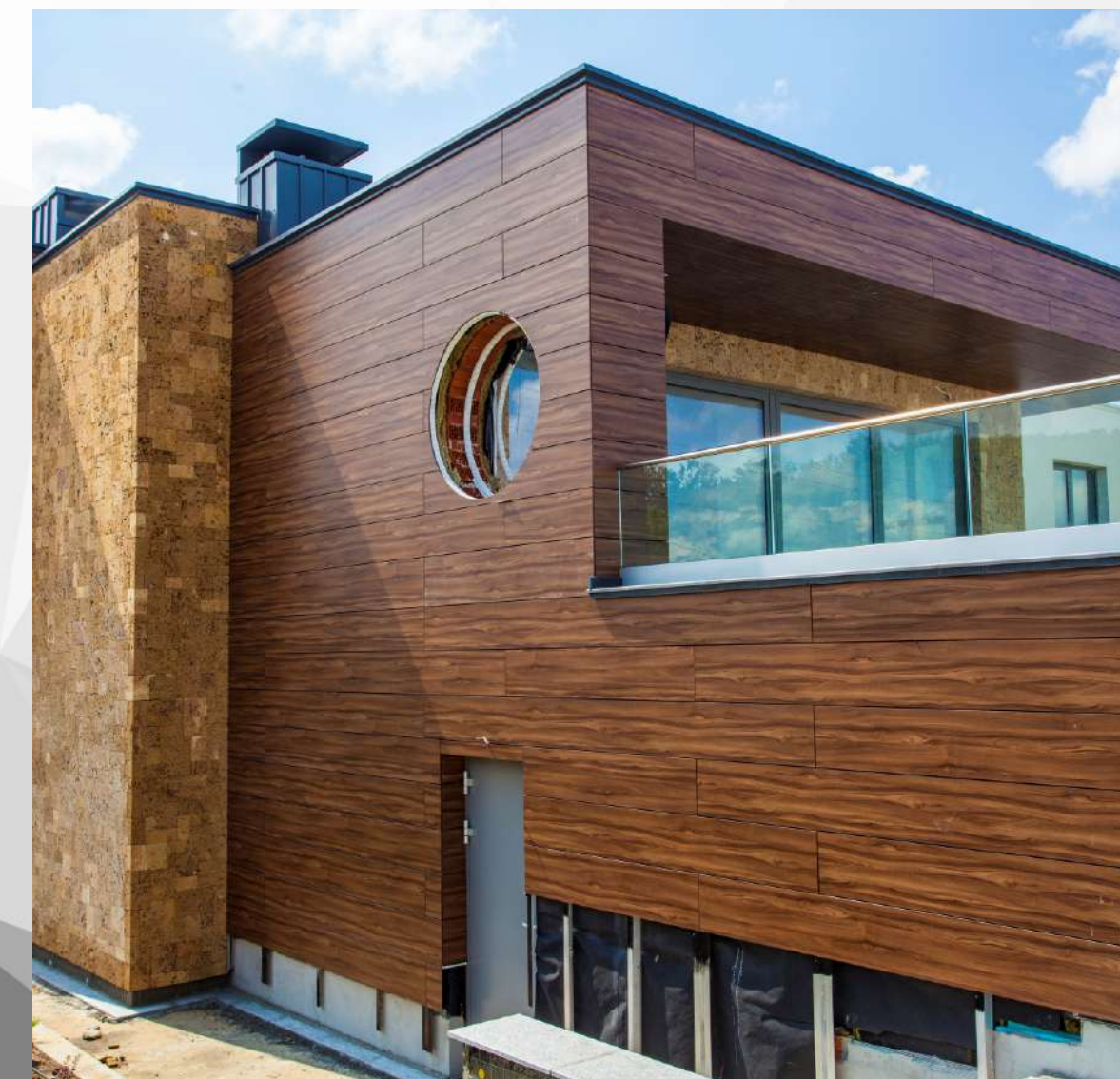


Sizes	1220*2440mm
Thickness	6,8 & 10mm
Decor	Both Side Decor
Finish	SF (Suede finished)
Standards	Complying to EN 438-6

APPLICATION AREAS

- ❖ Balcony Cladding
- ❖ Partitions
- ❖ Facade Claddings
- ❖ Fencings
- ❖ Public Places
- ❖ Awnings
- ❖ Play Ground
- ❖ Sports
- ❖ Sun Protection
- ❖ Louvers
- ❖ Shop Fronts

APPLICATIONS





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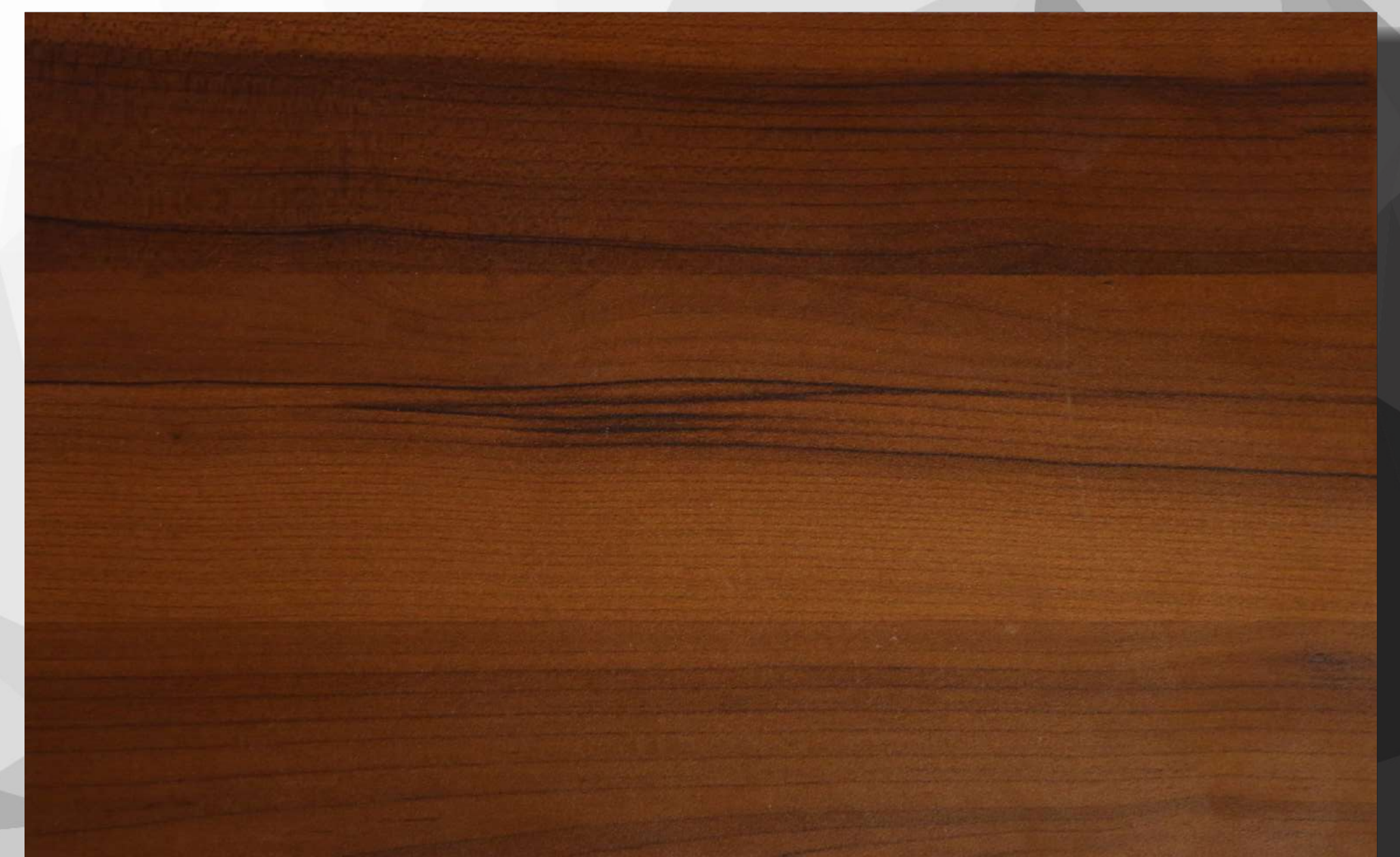
PERFORATION



SA 751 Forest Wood

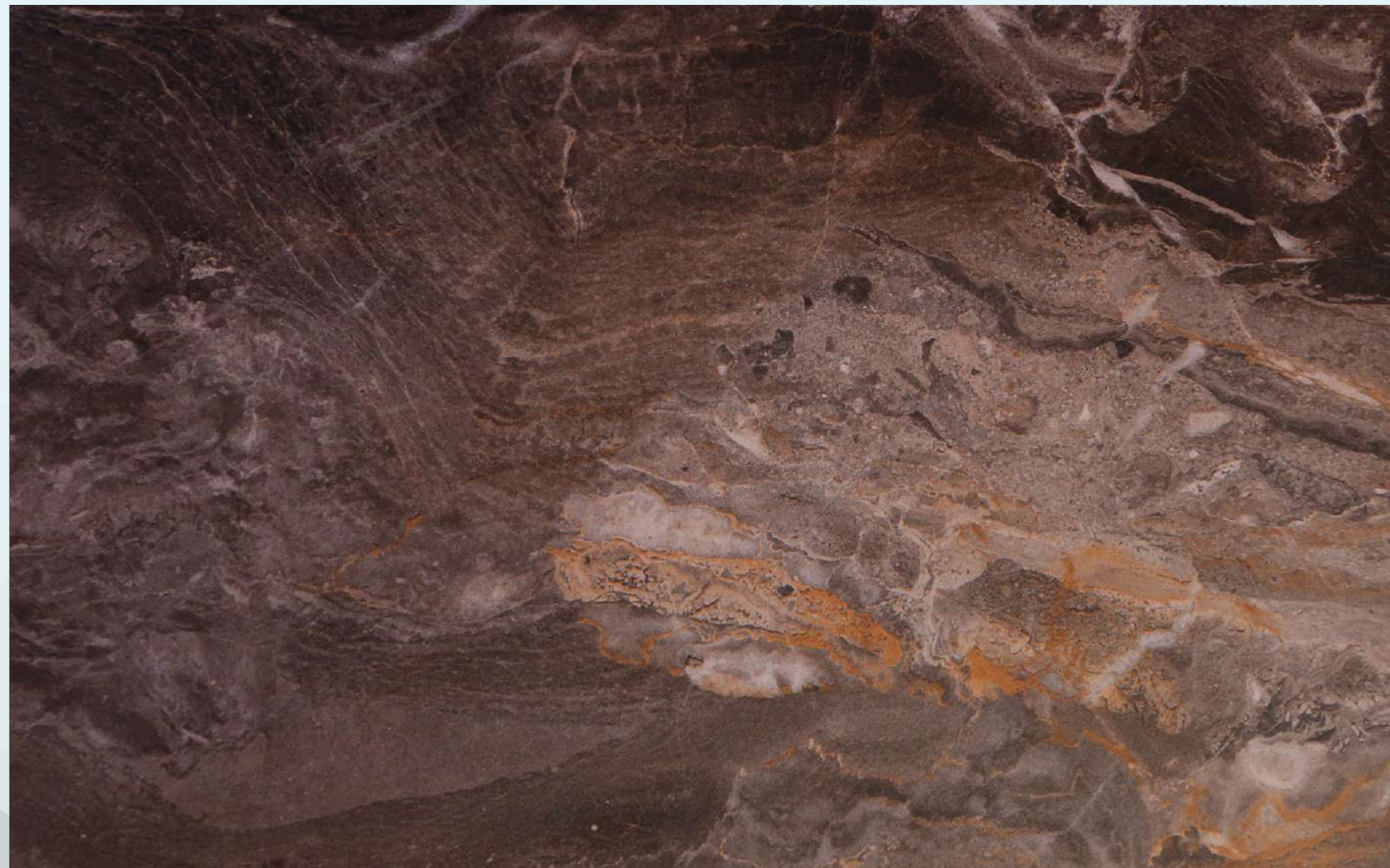


3248 Rock Pile

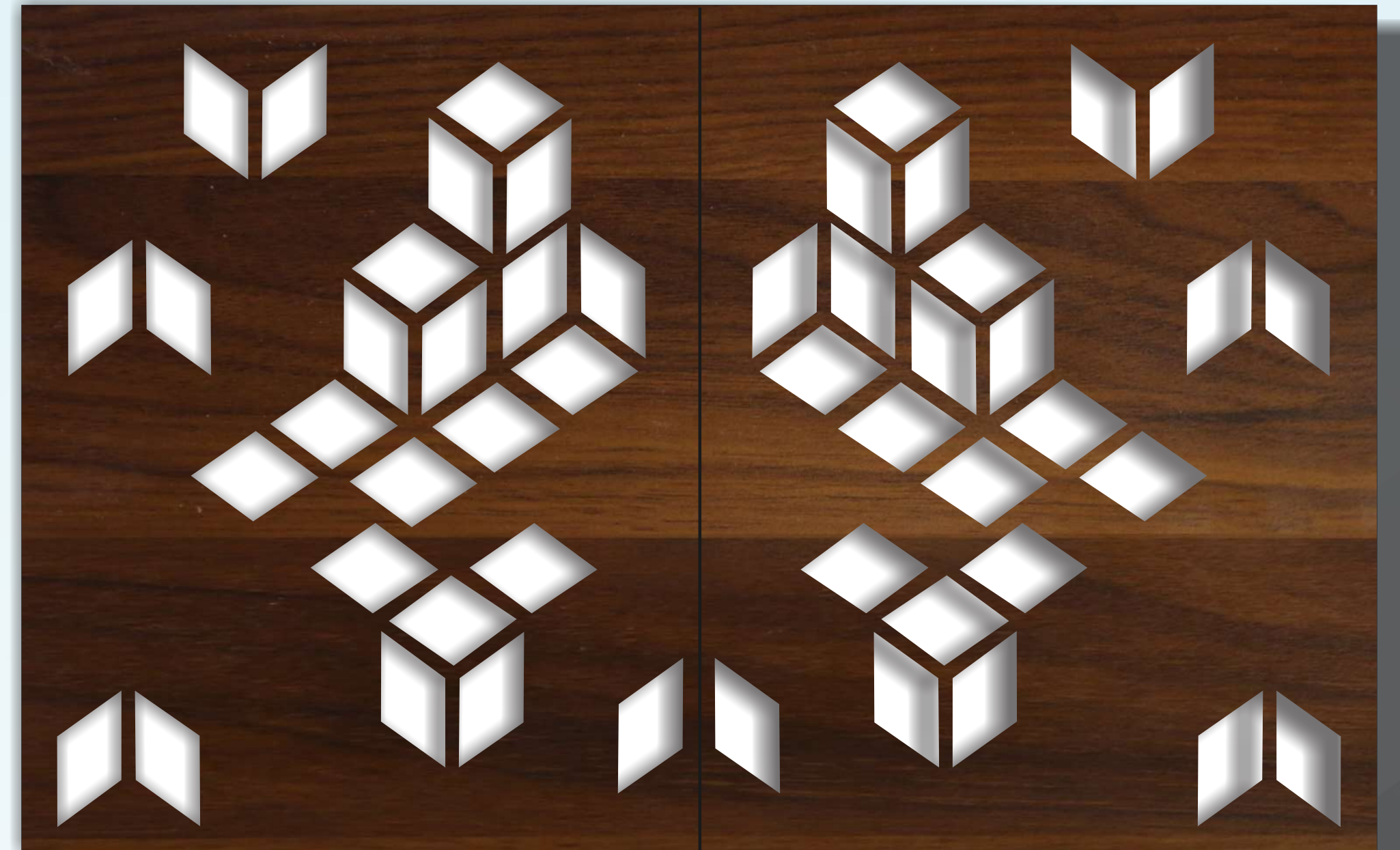


SA 855 Indian Chocolate

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SA 505 Diva Granite



SA 869 High Land



SA 724 Sap Wood

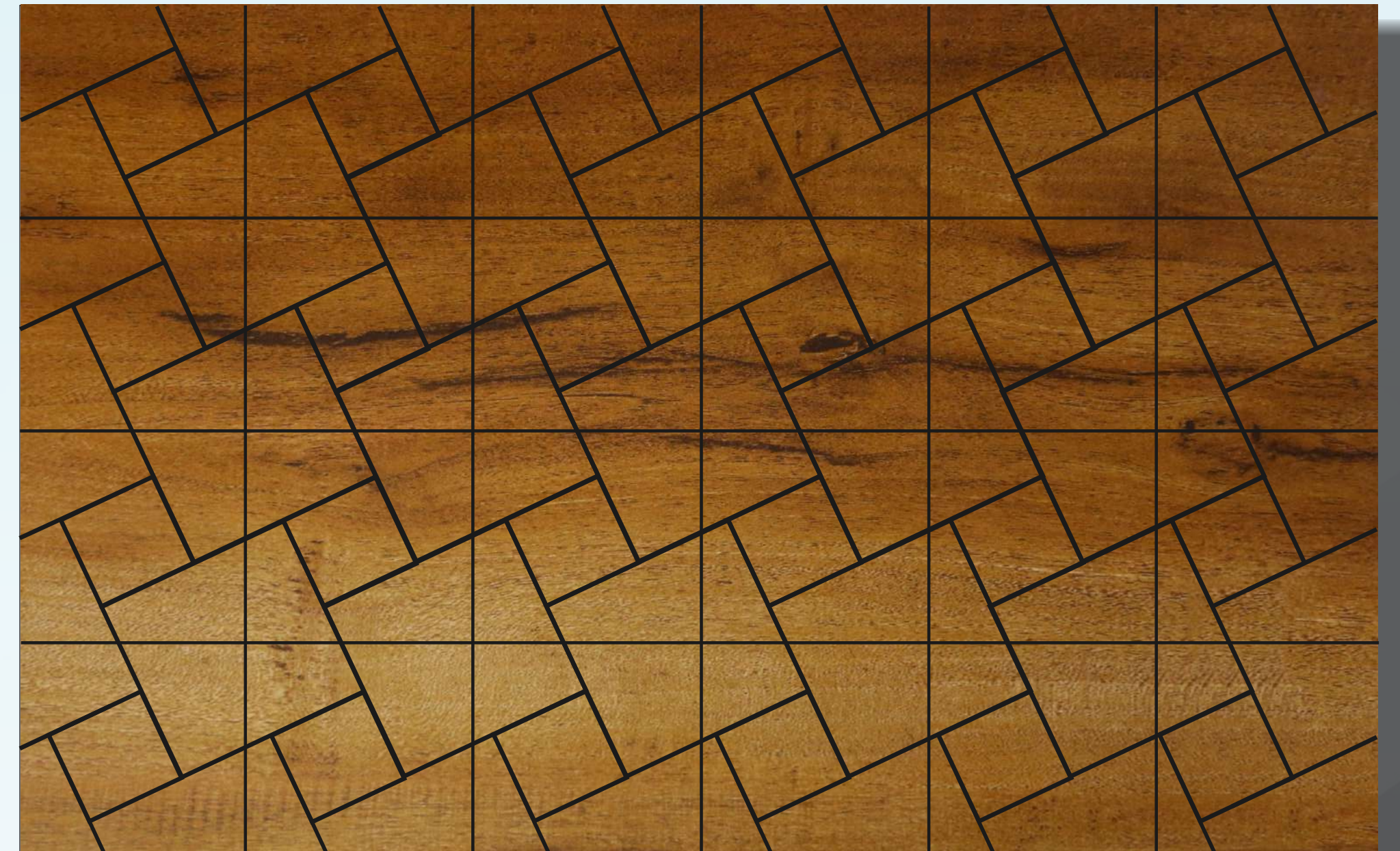


SA 753 Forest Grey

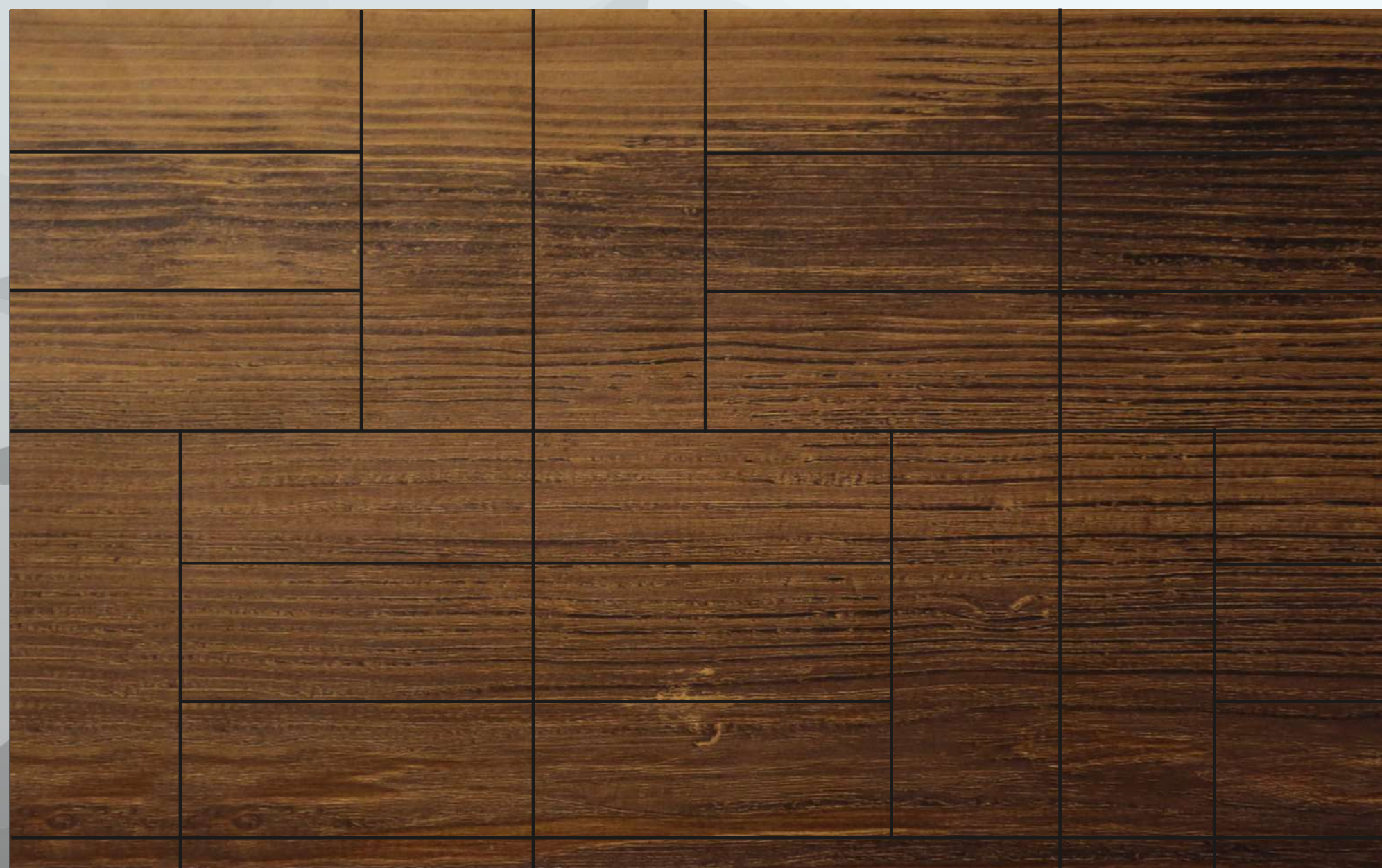


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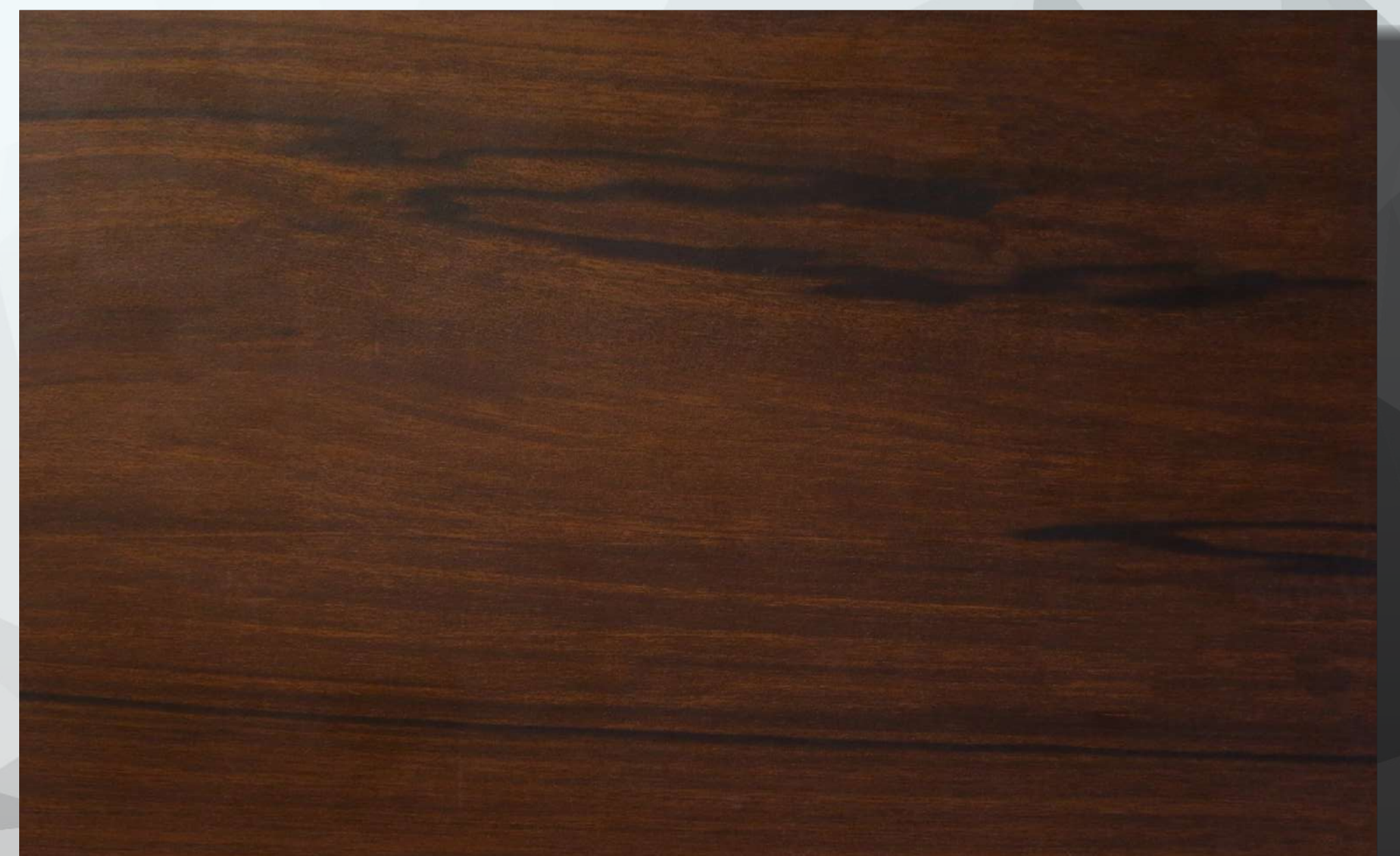
ROUTING



SA 3053 Argentine

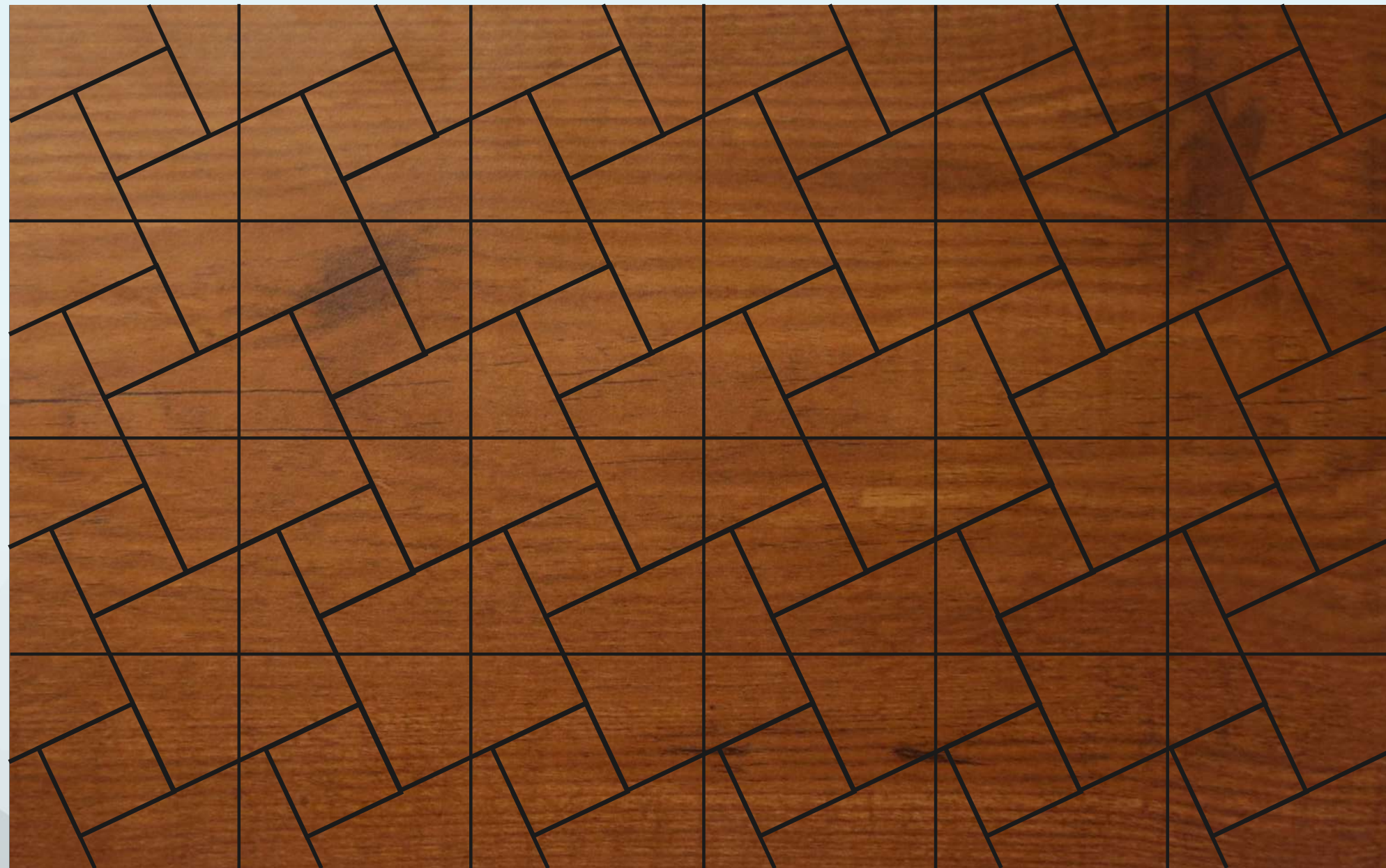


SA 734 Jungle Wood



3214 Malaysian Talli

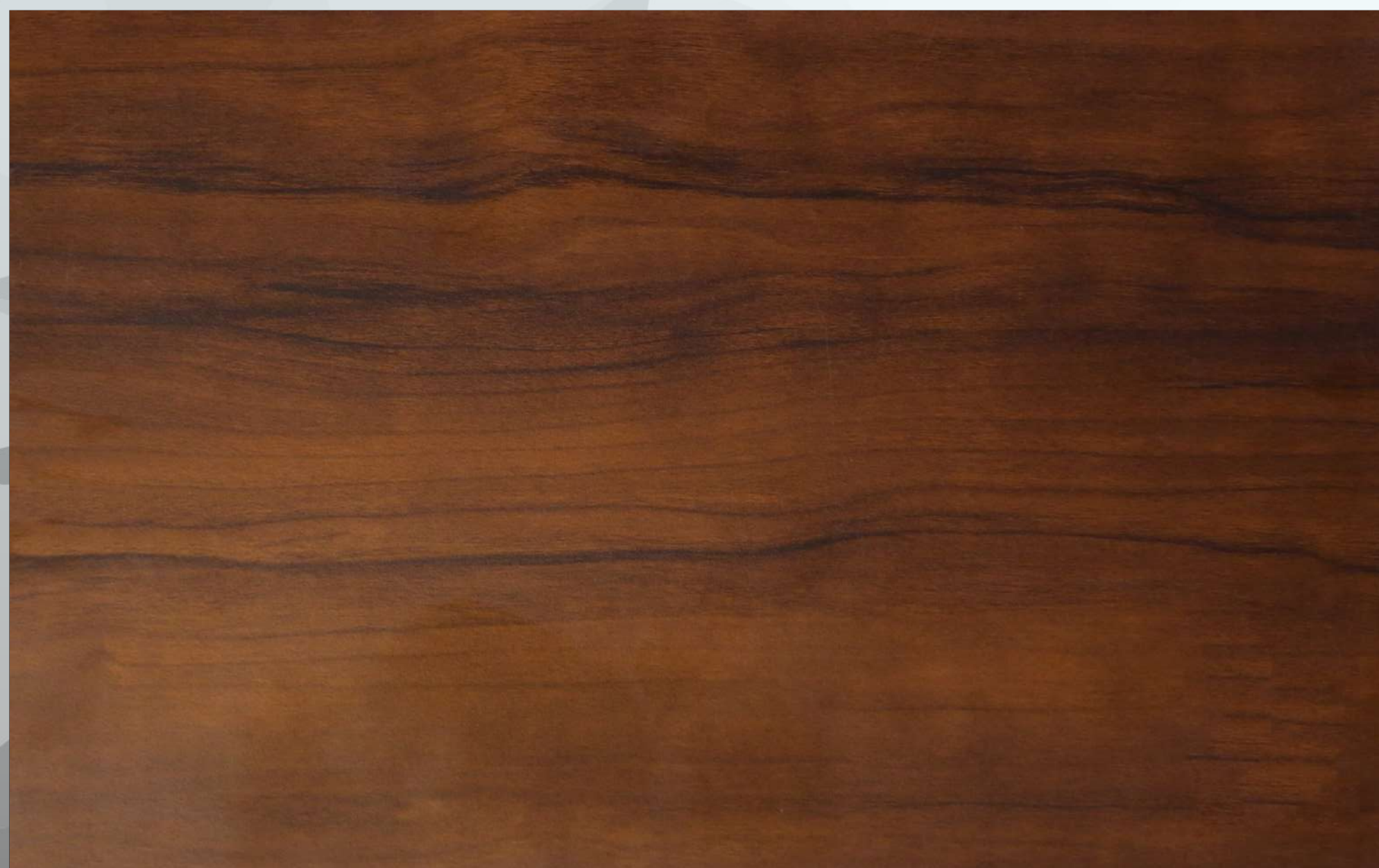
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148 Turkey Pine



8682 Crown Larch



7720 Arizona Walnut

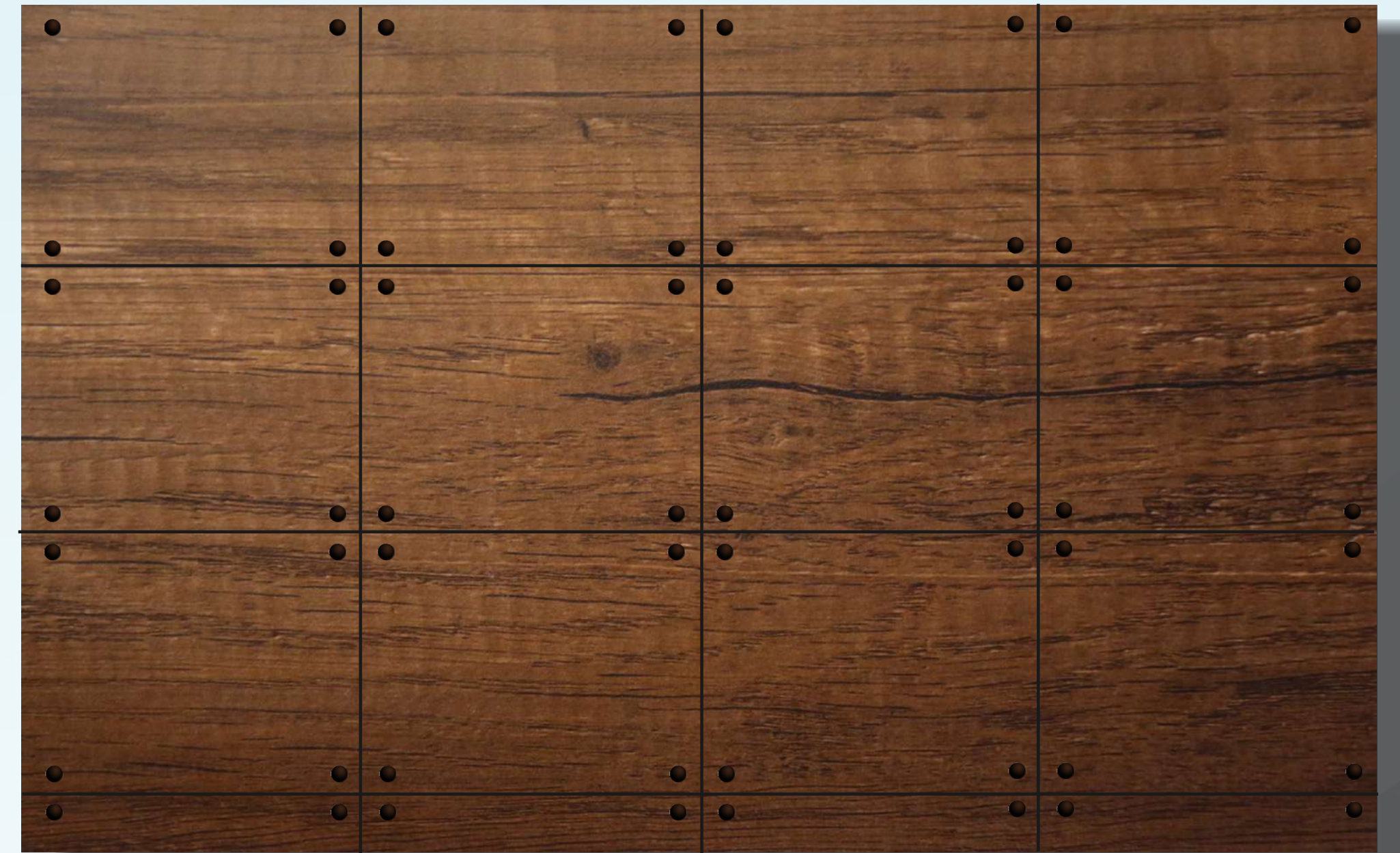


8283 European Walnut

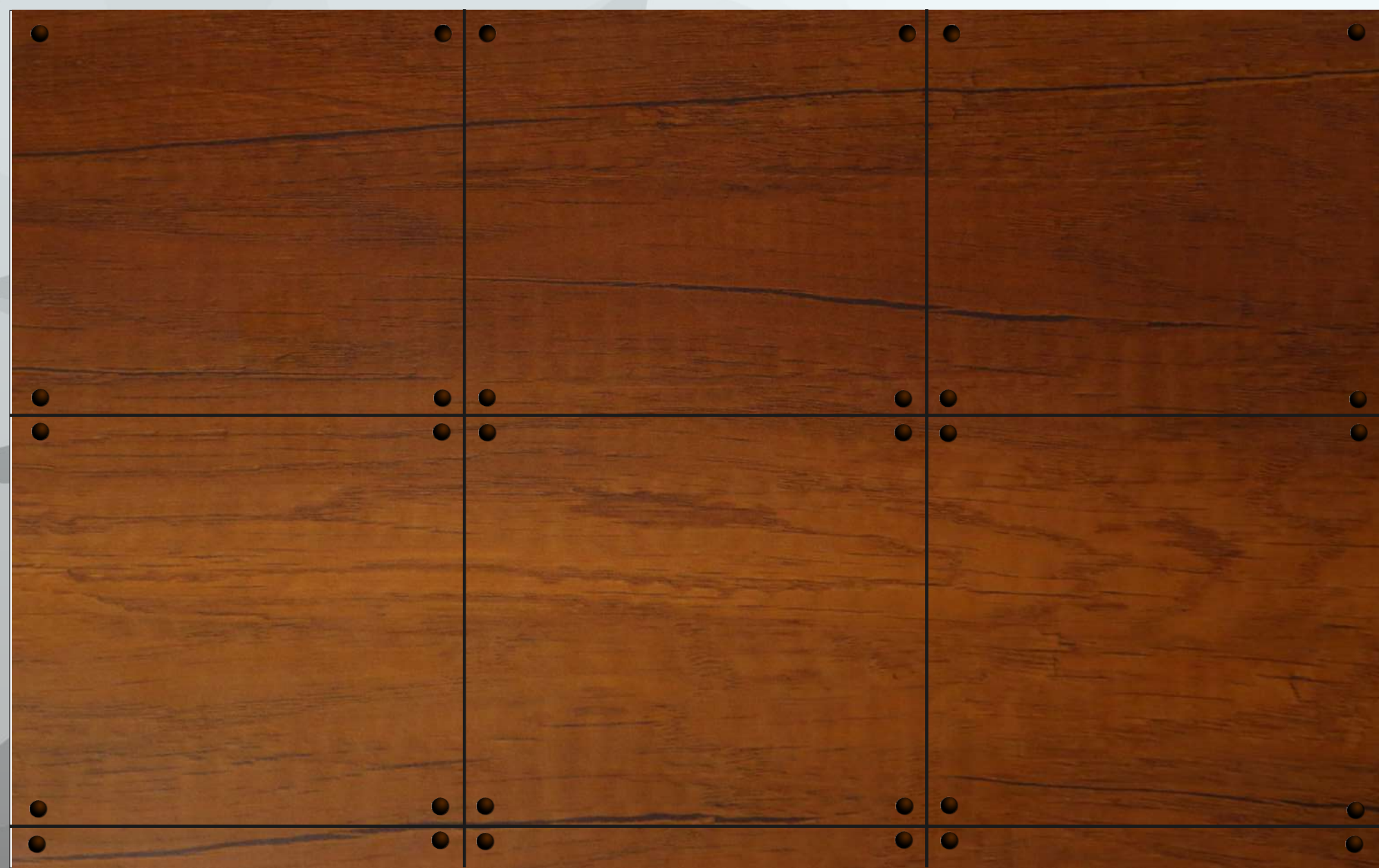


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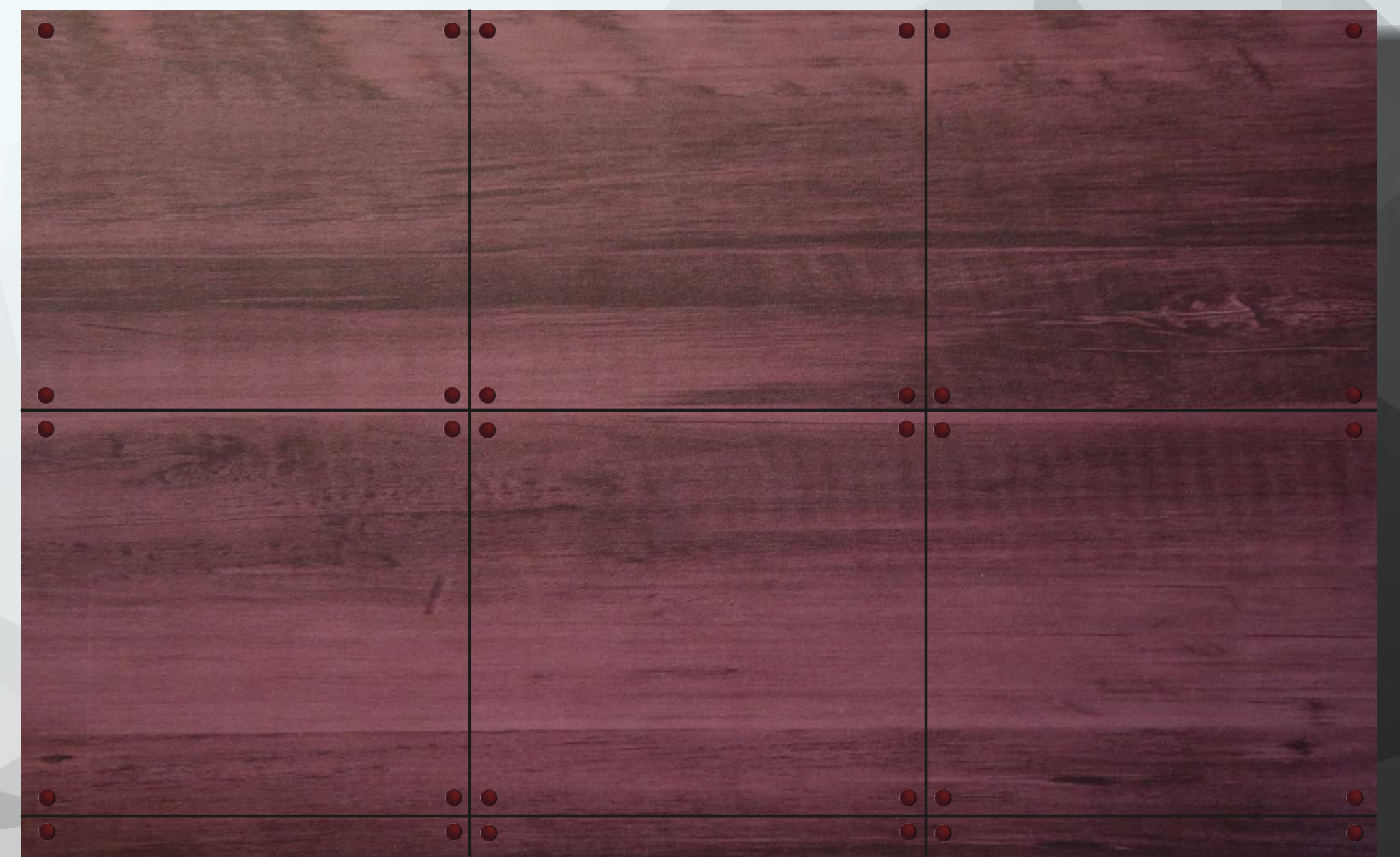
STRAIGHT LINE



SA 759 Crooked Oak

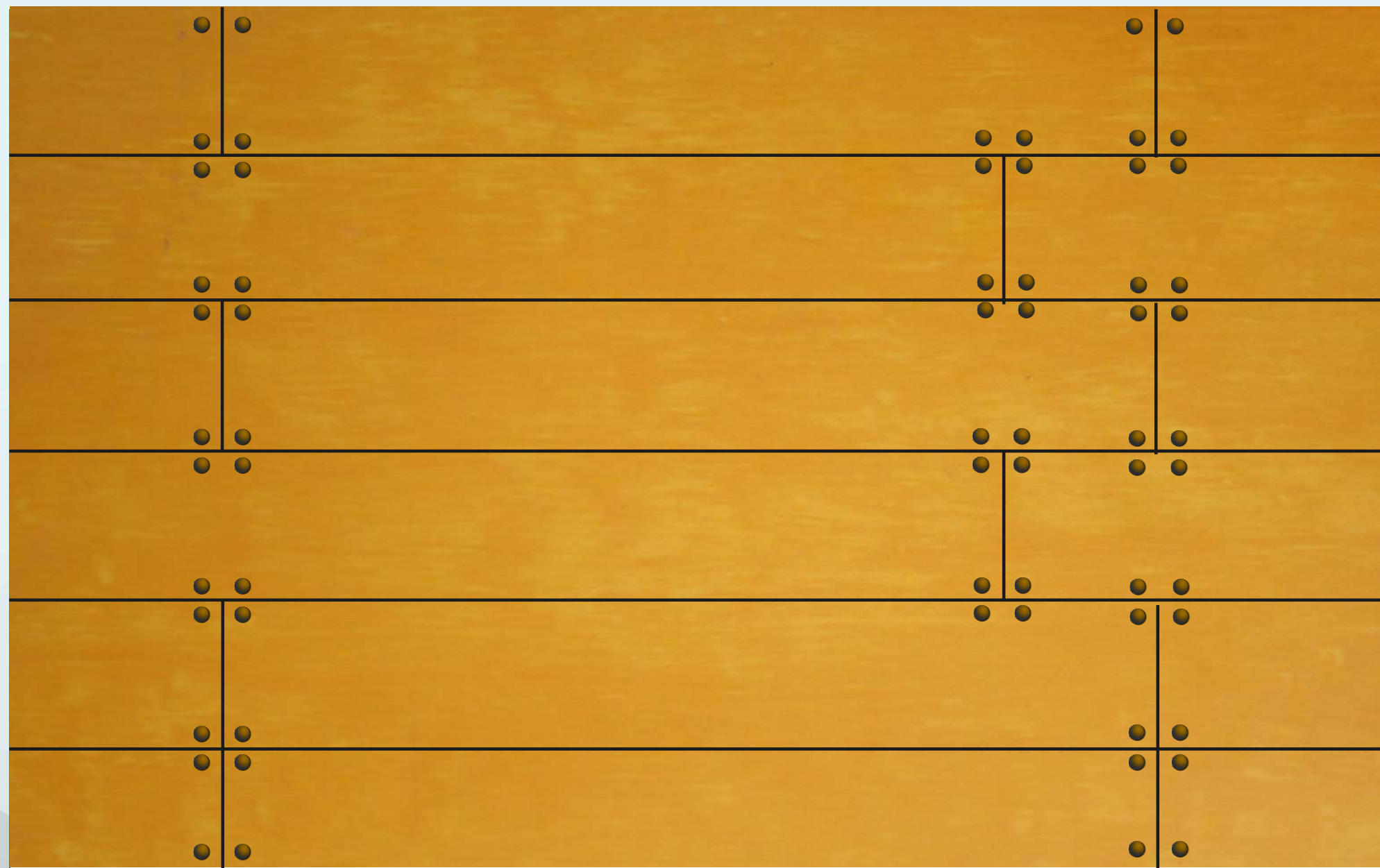


3240 Kevasingo Teak

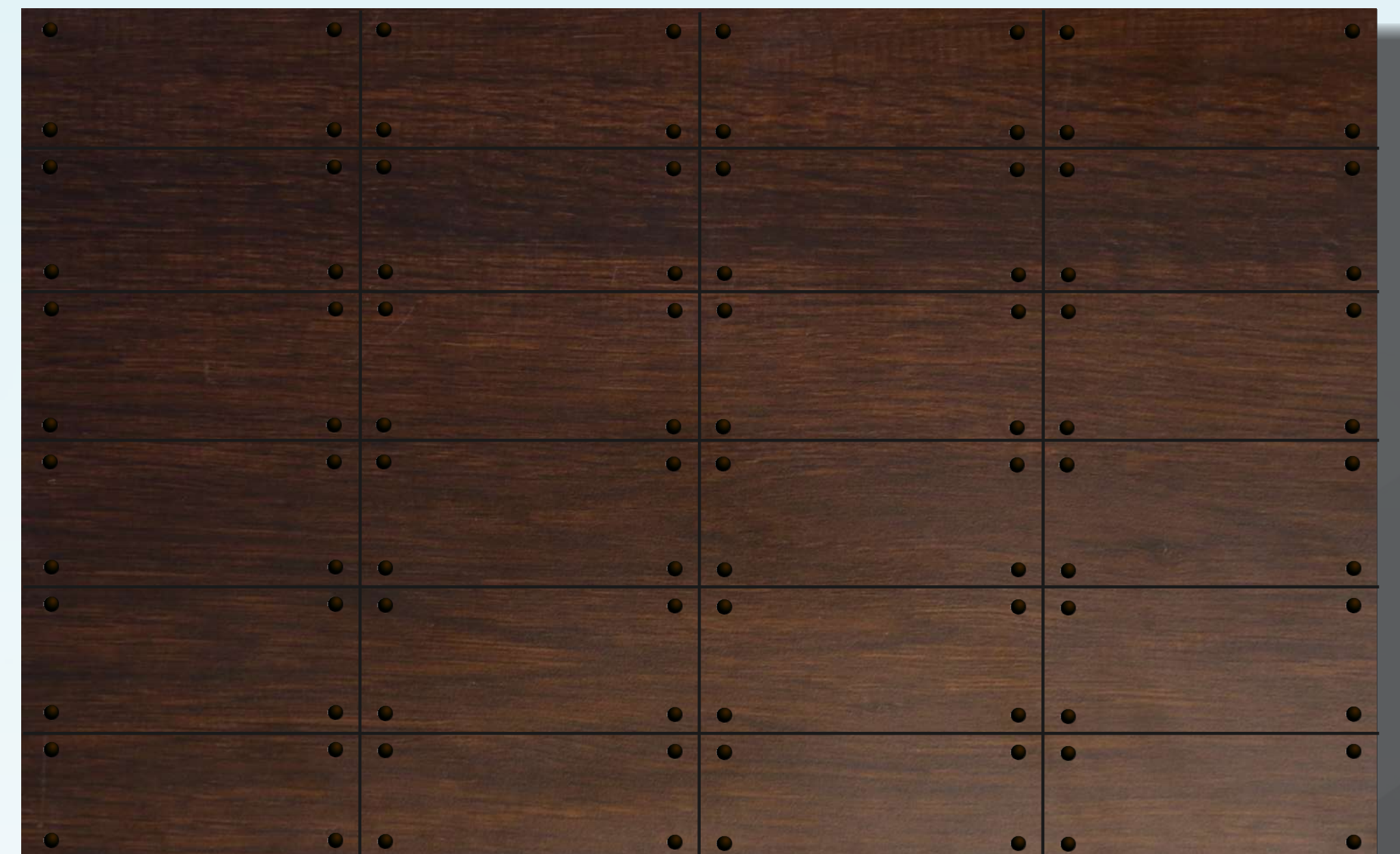


4059 Cafor

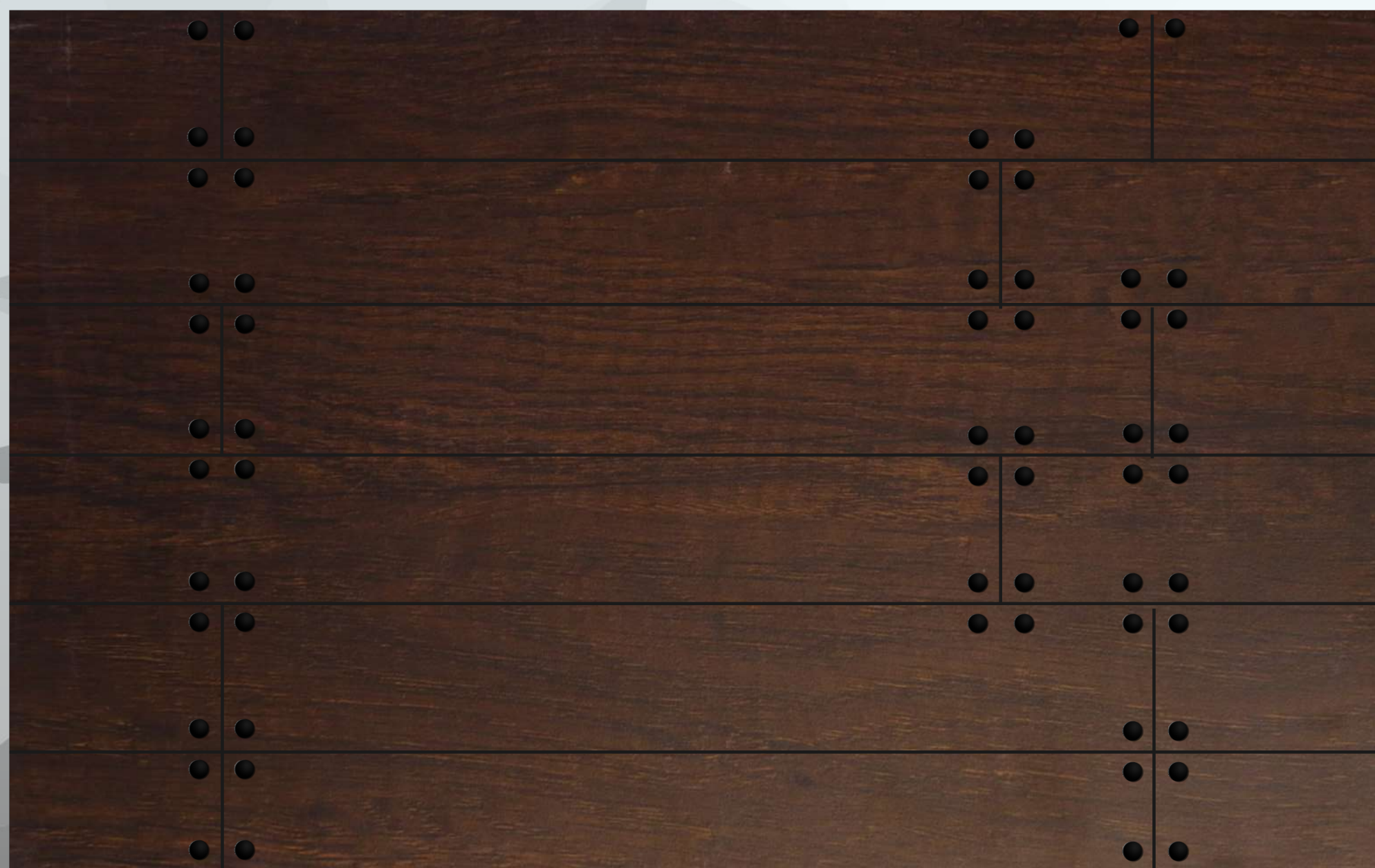
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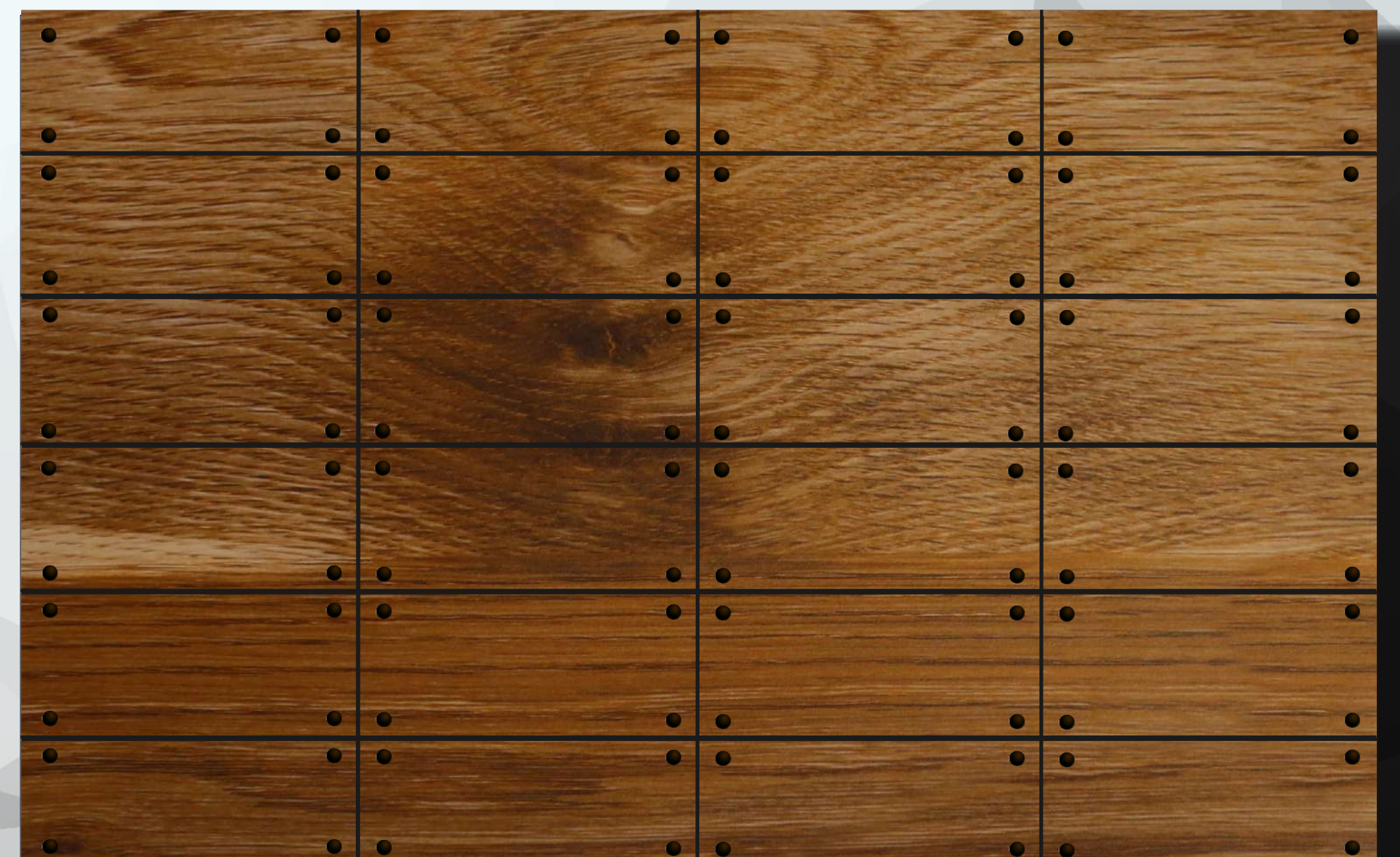
3281 Bambus



3051 Red Wood

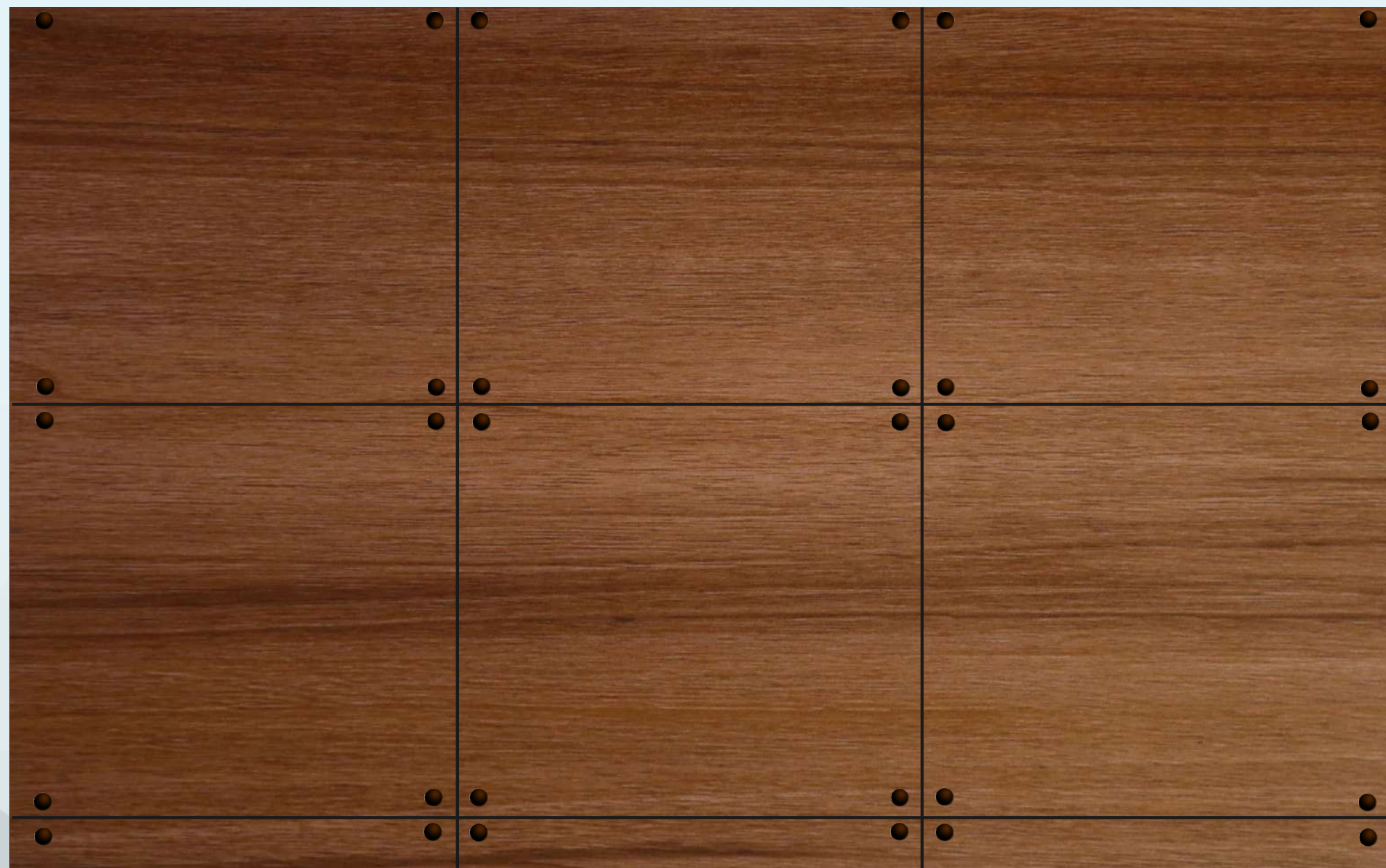


3213 Tan Singo

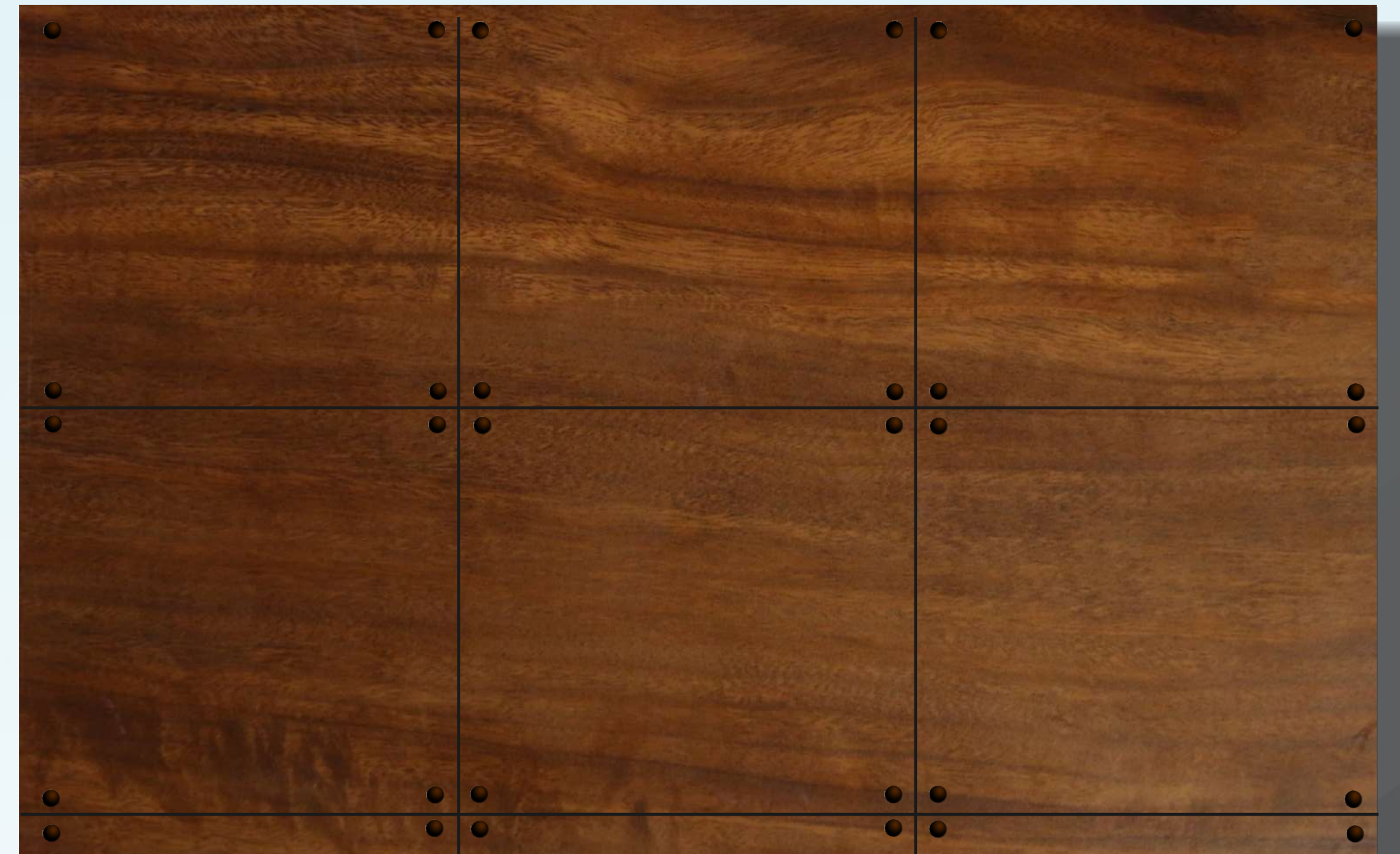


3268 Mexican Oak

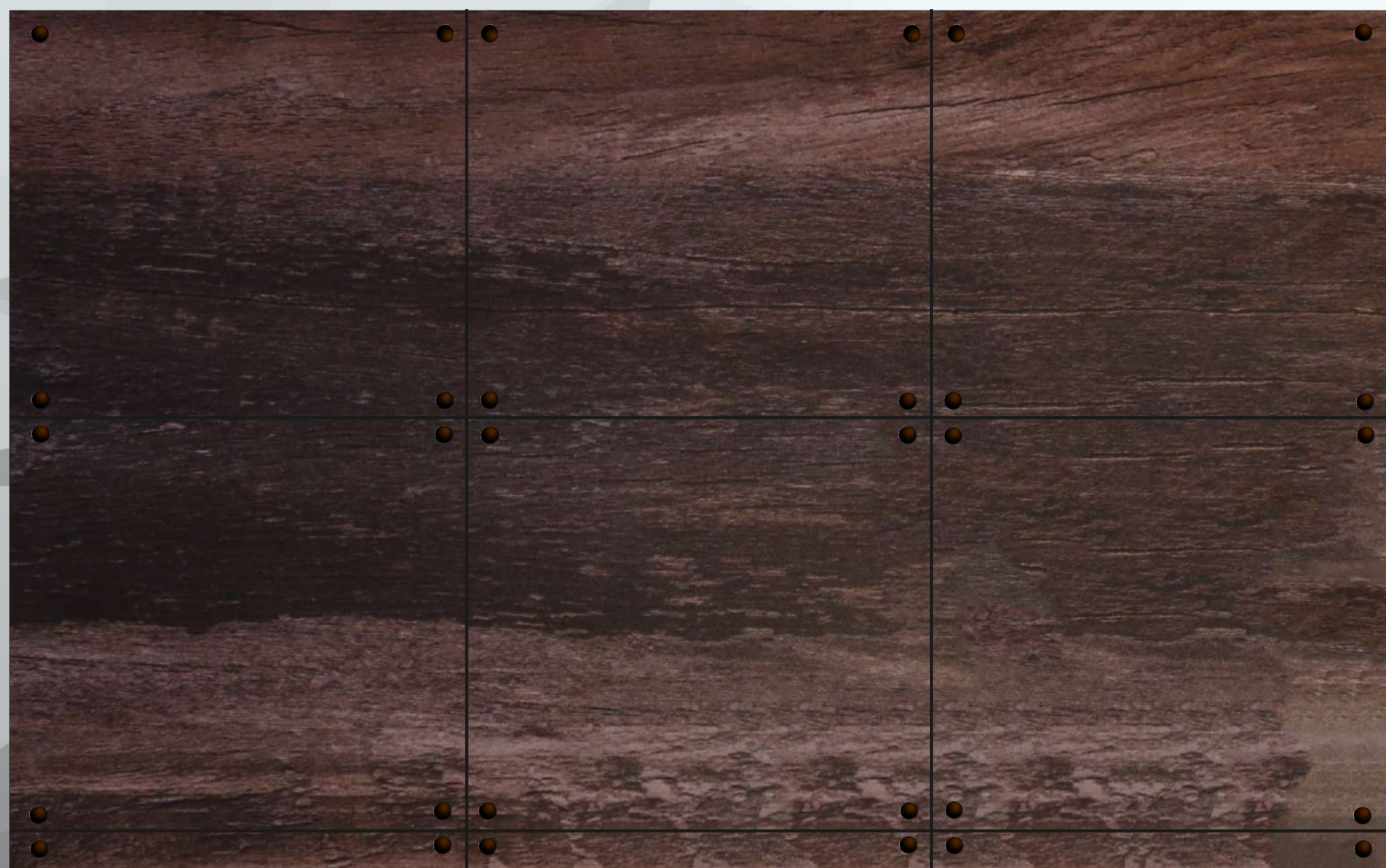
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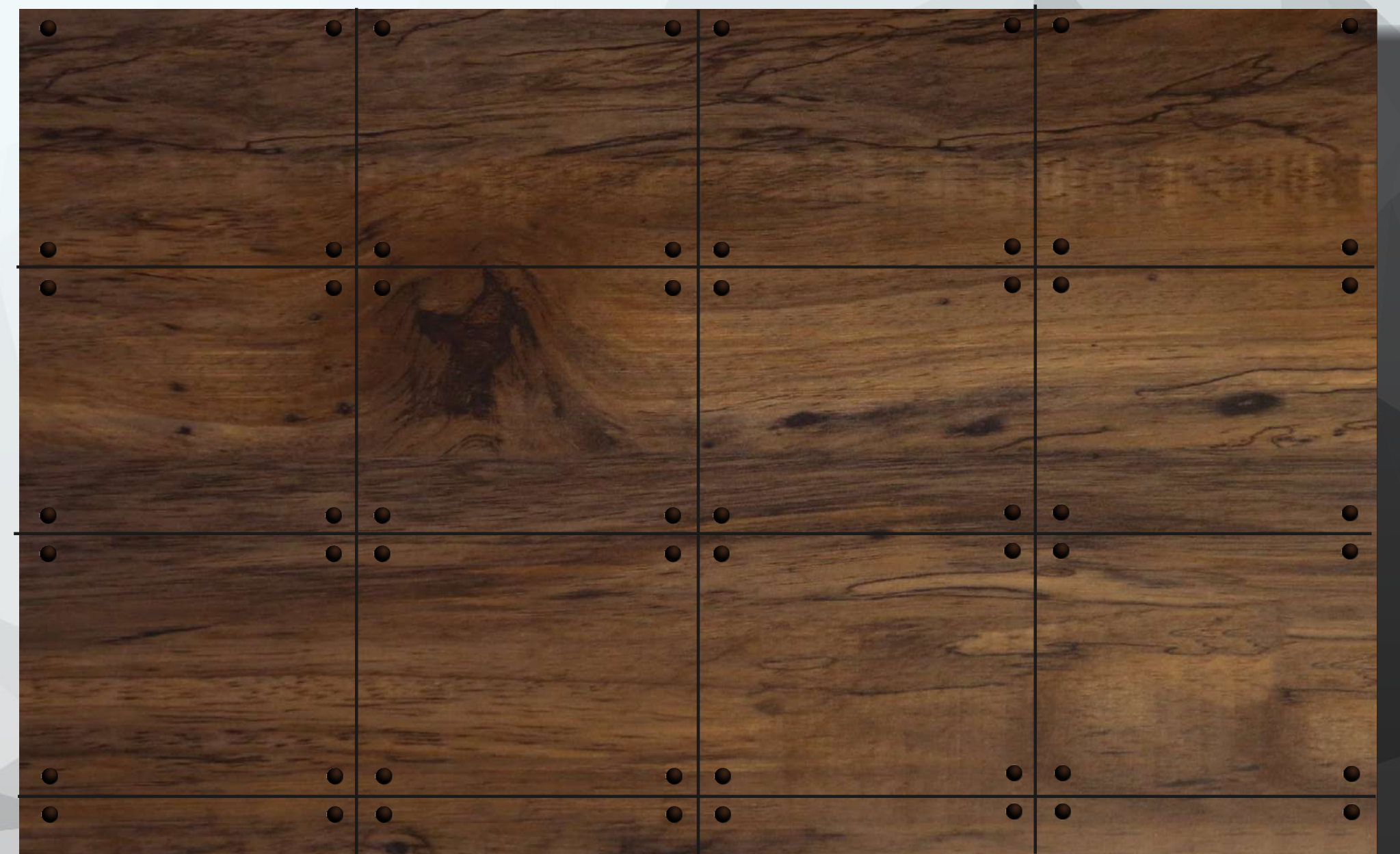
3253 Noce Flamenco



8695 Nangang Walnut

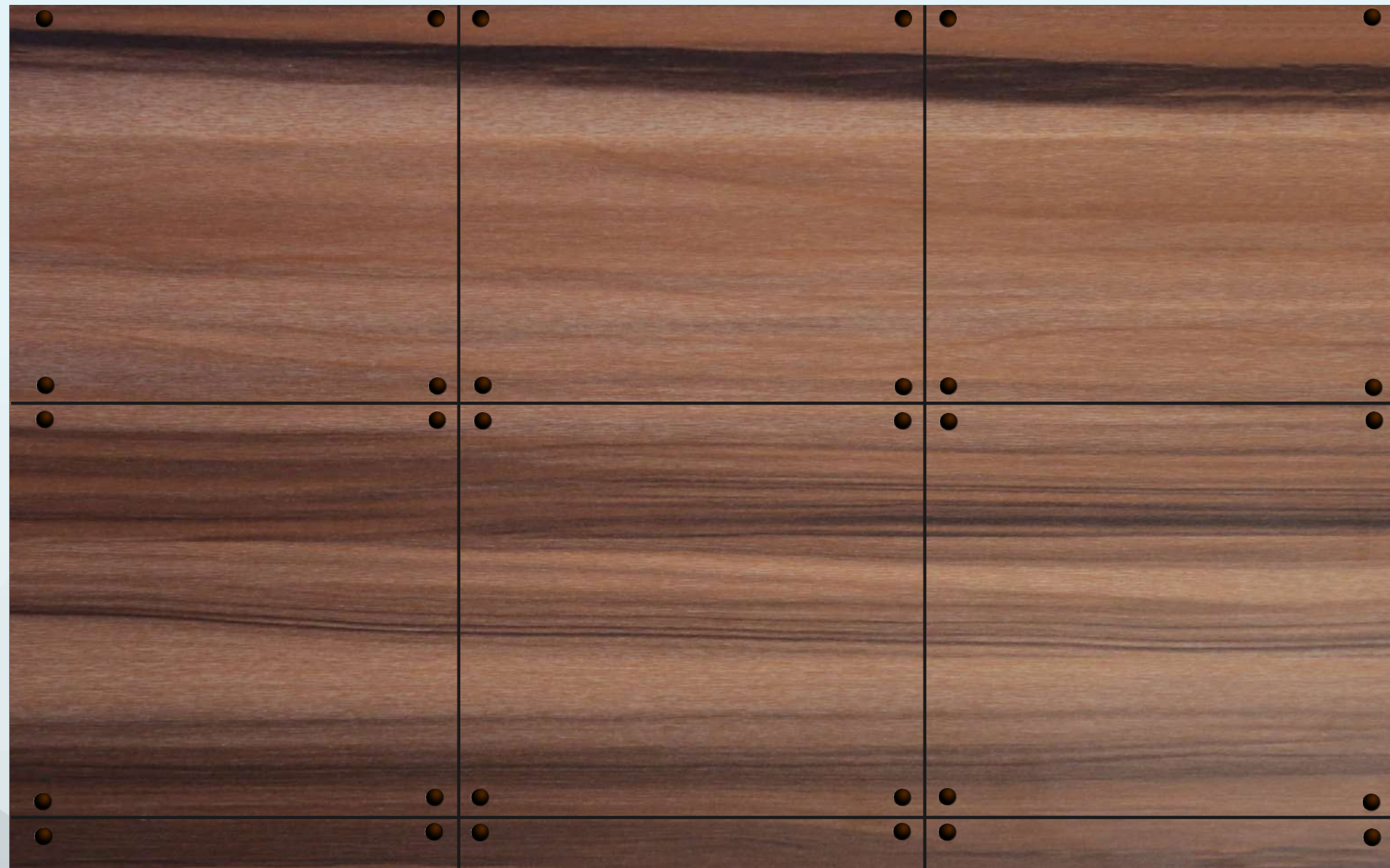


3260 Smoked Natural Wood

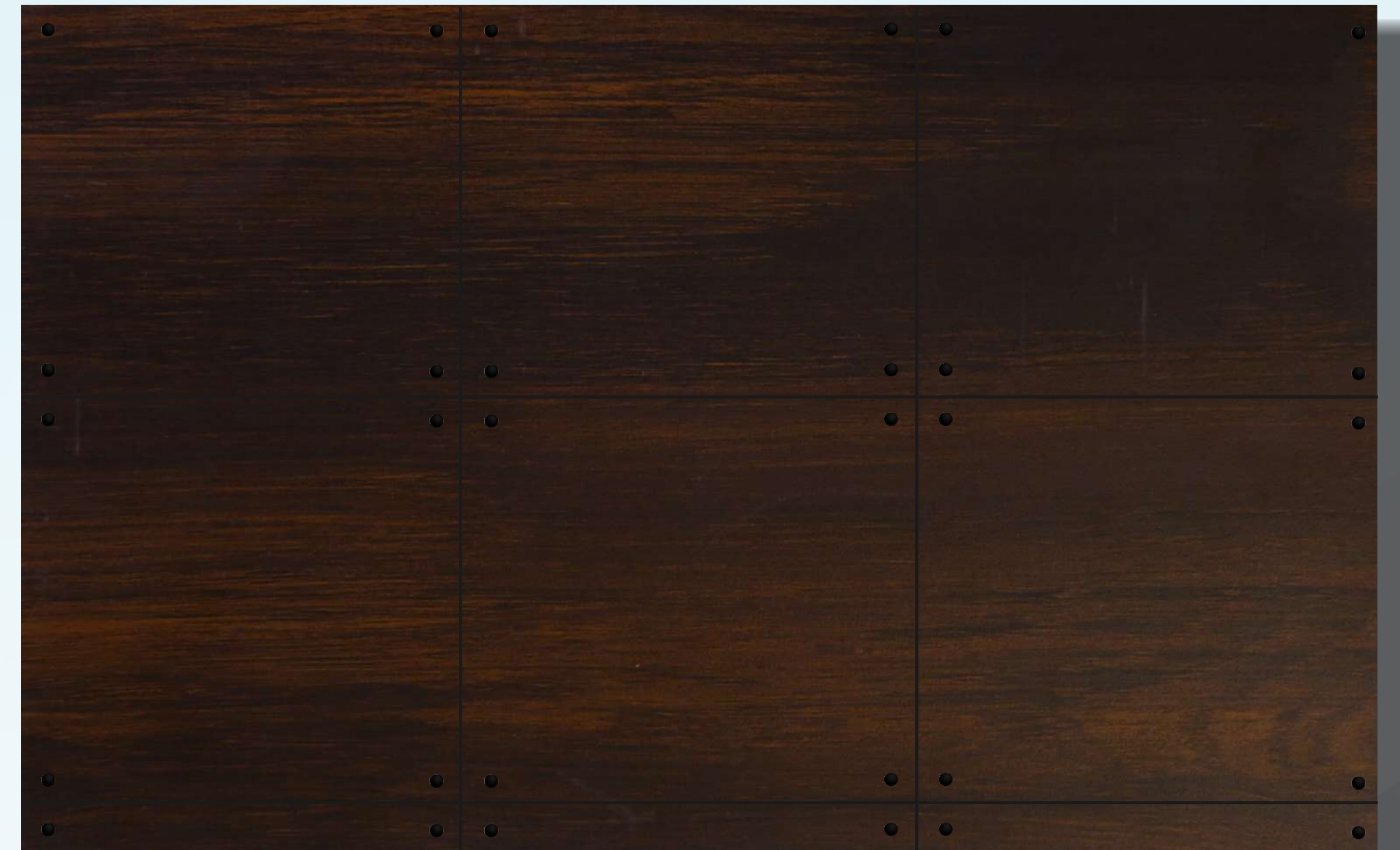


8699 Black Jack Oak

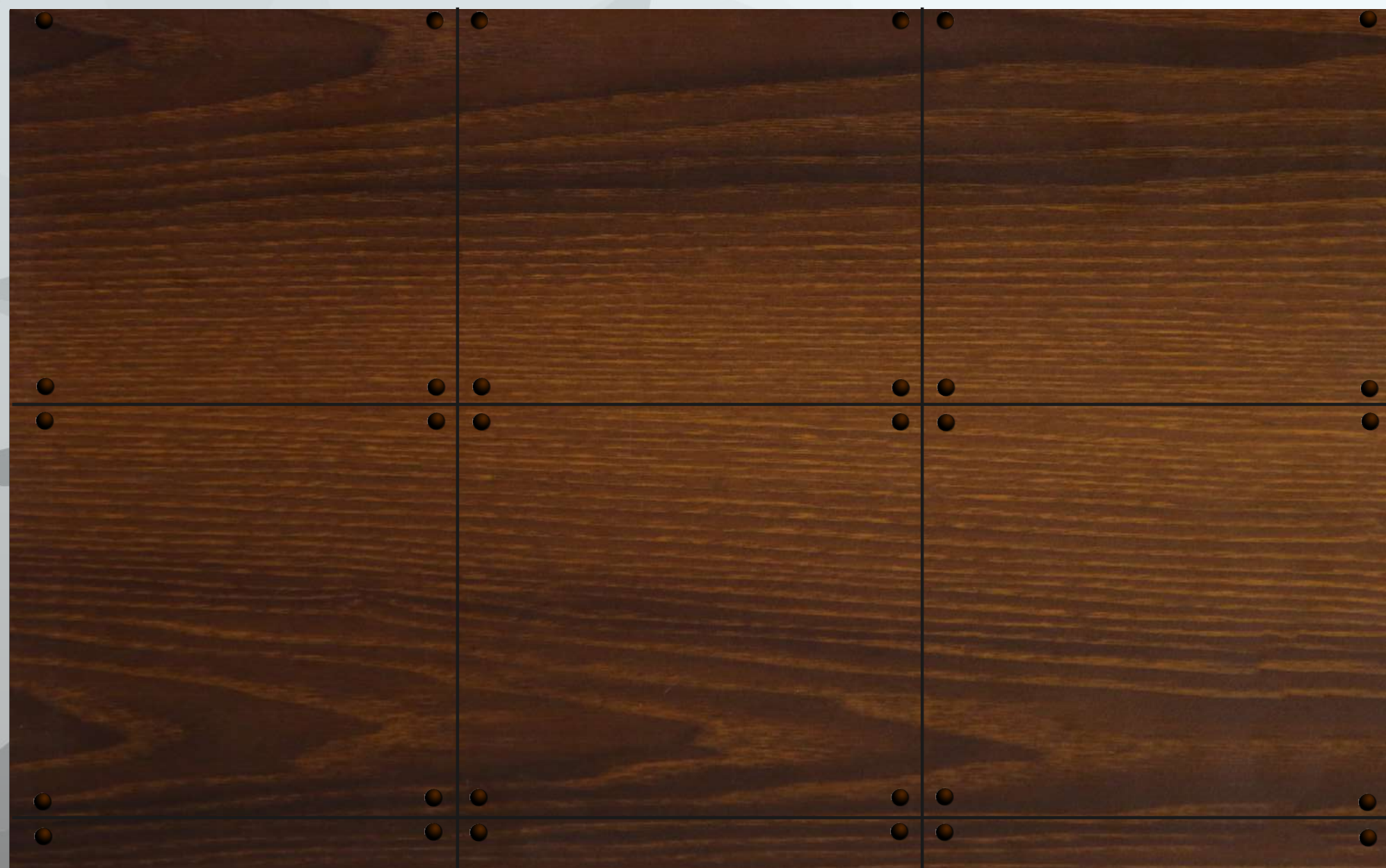
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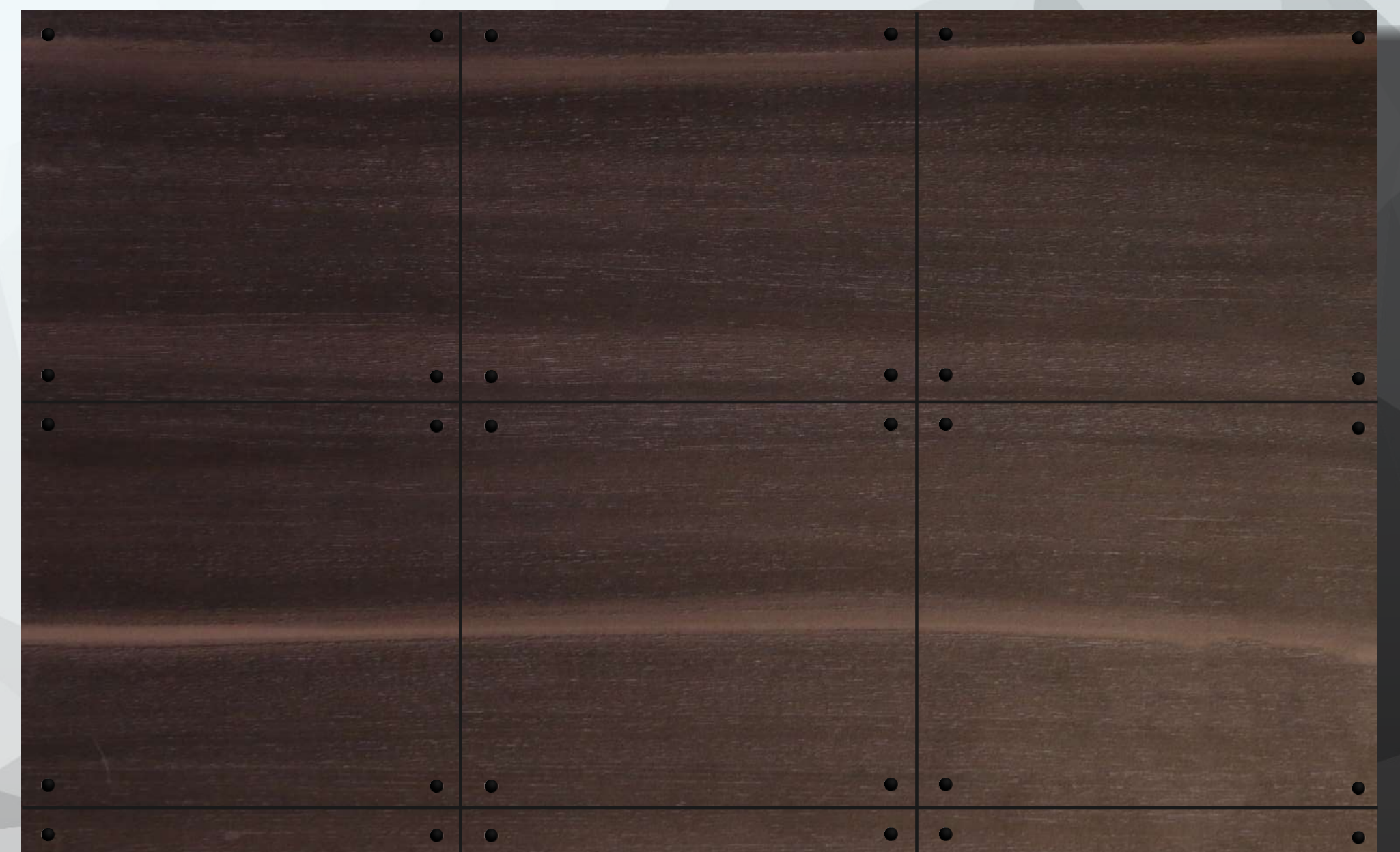
8269 Ornaté Prime



8475 Xyloid Teak

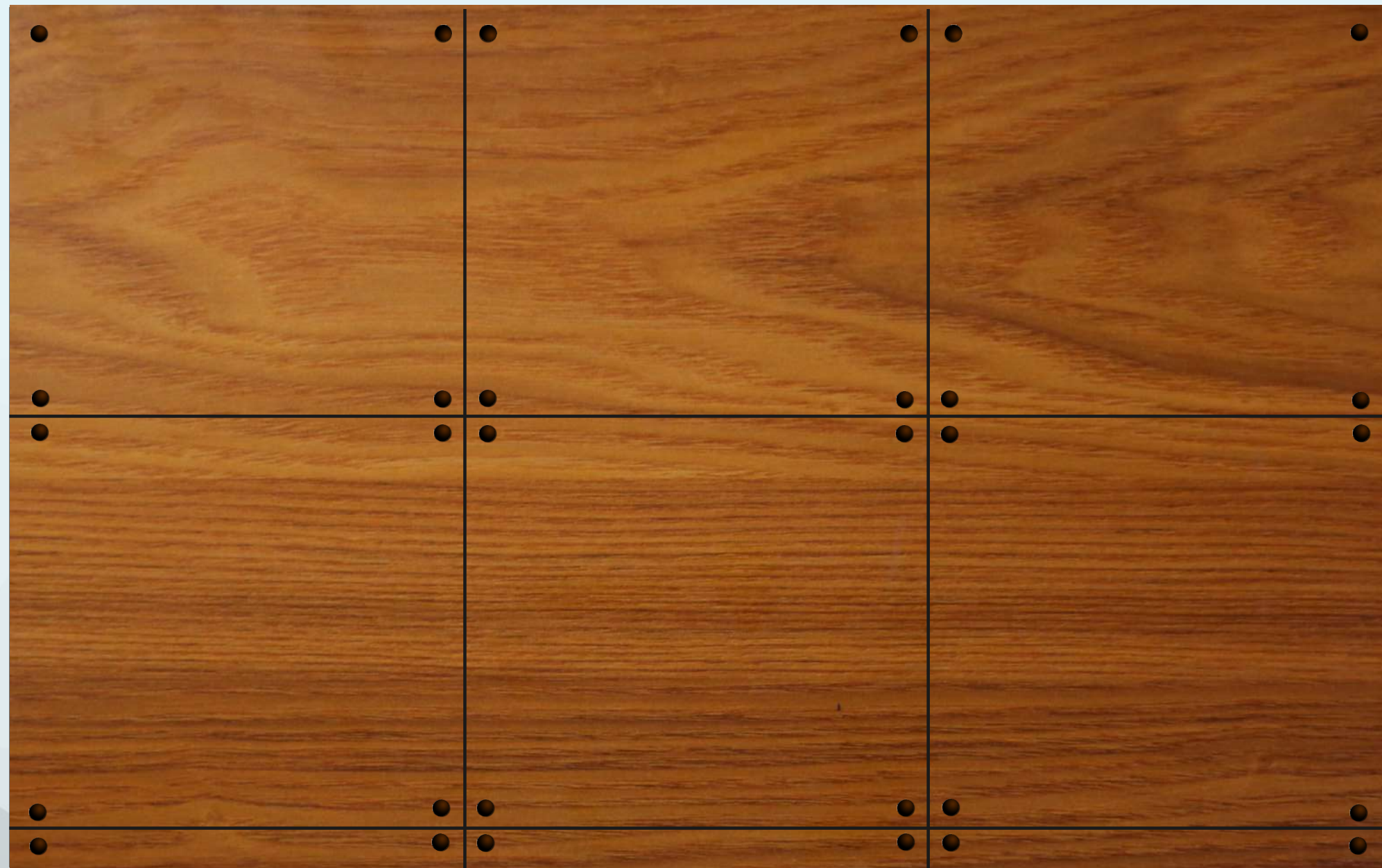


8279 Ash Sunset



8470 Ebony Peat

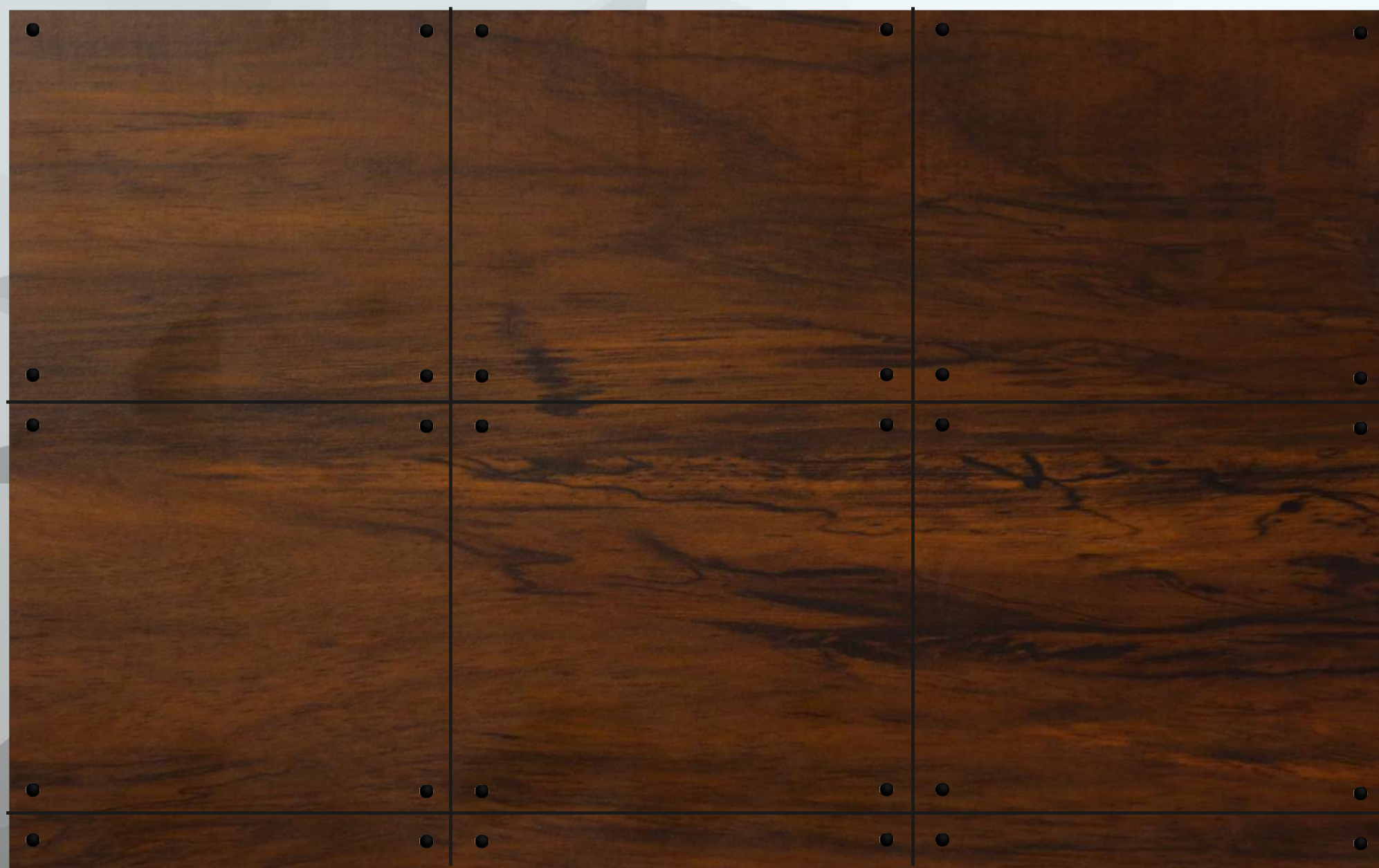
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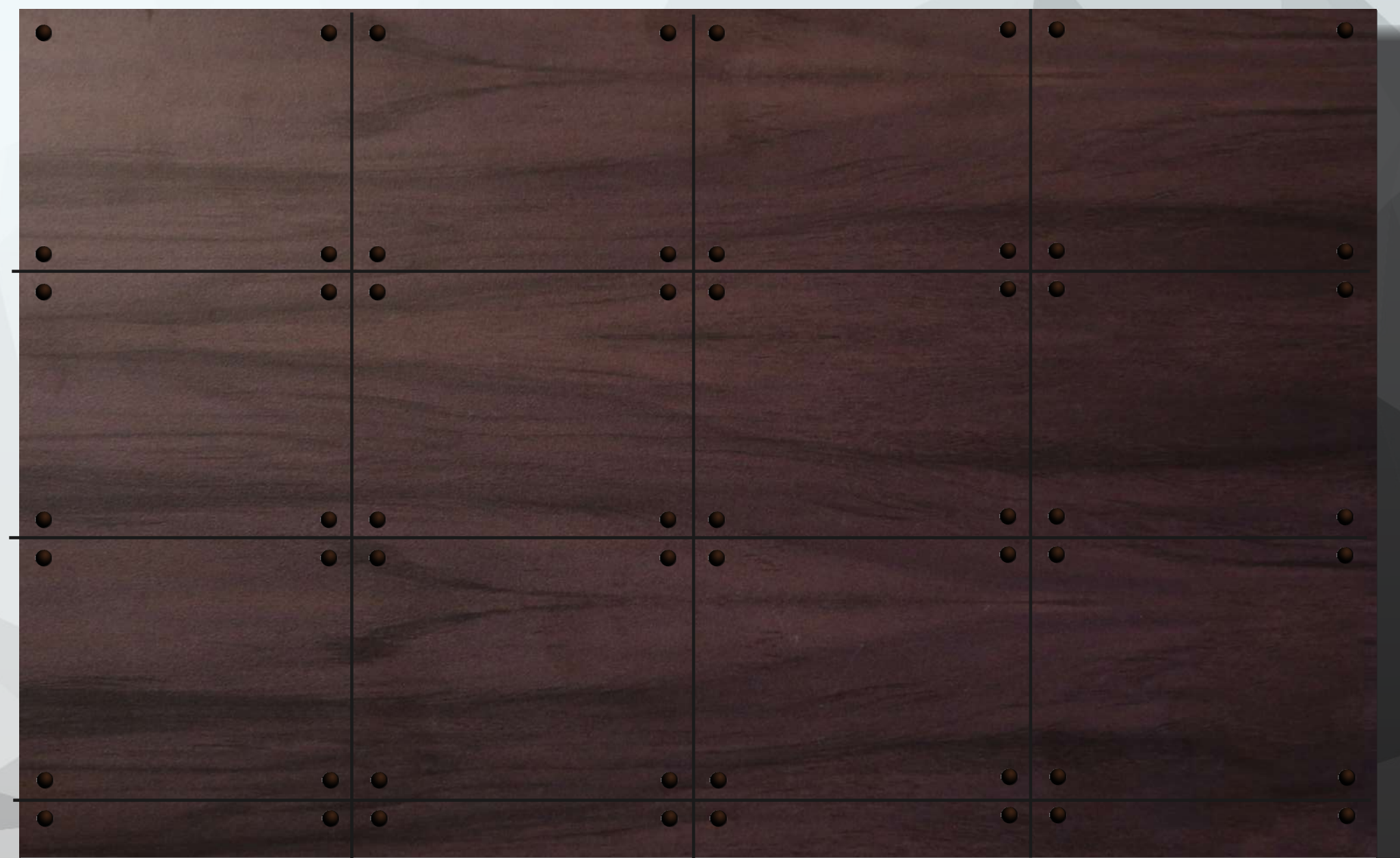
4076 Bavarian Ash



SA 3228 Bronze

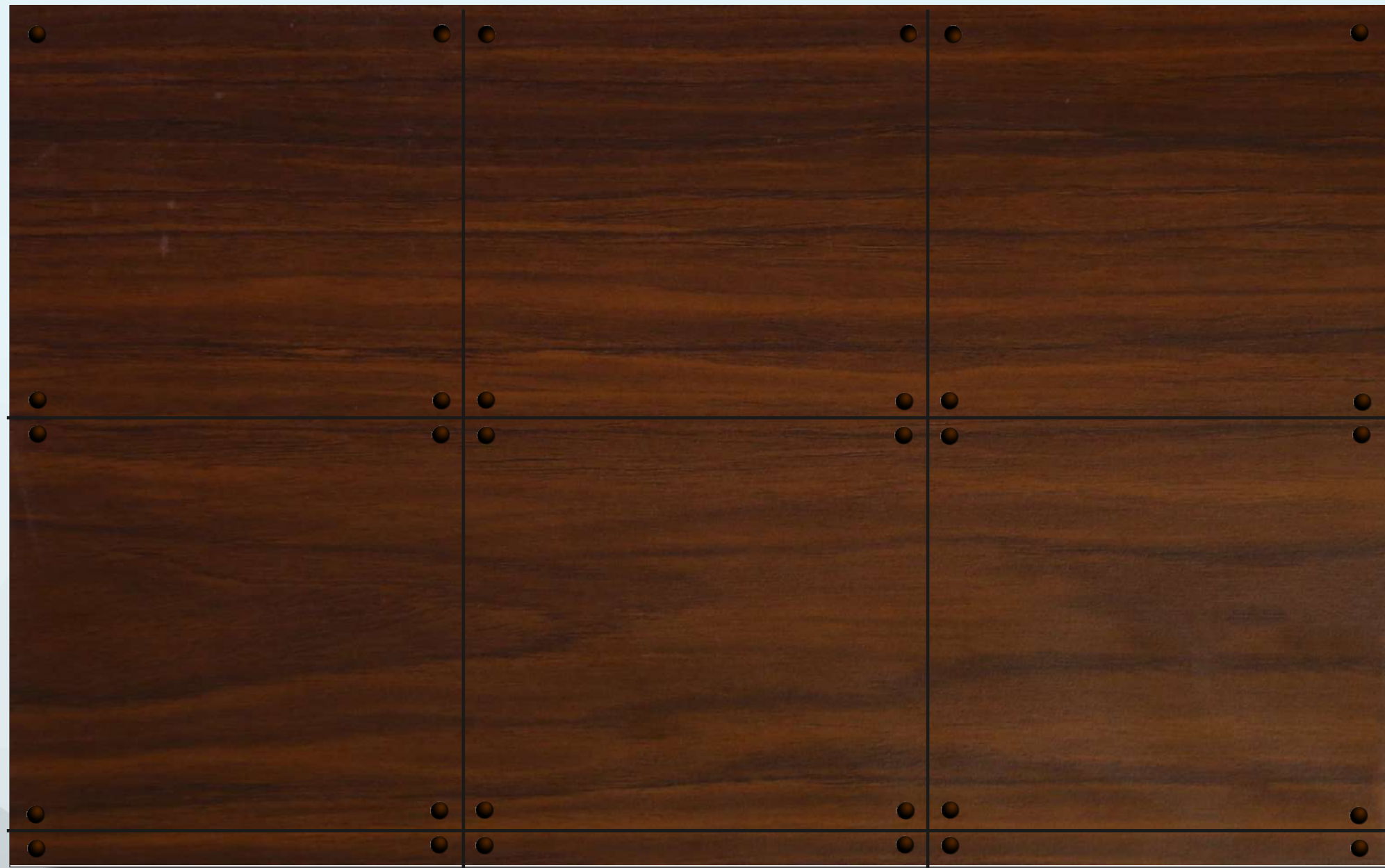


8700 Basket Oak

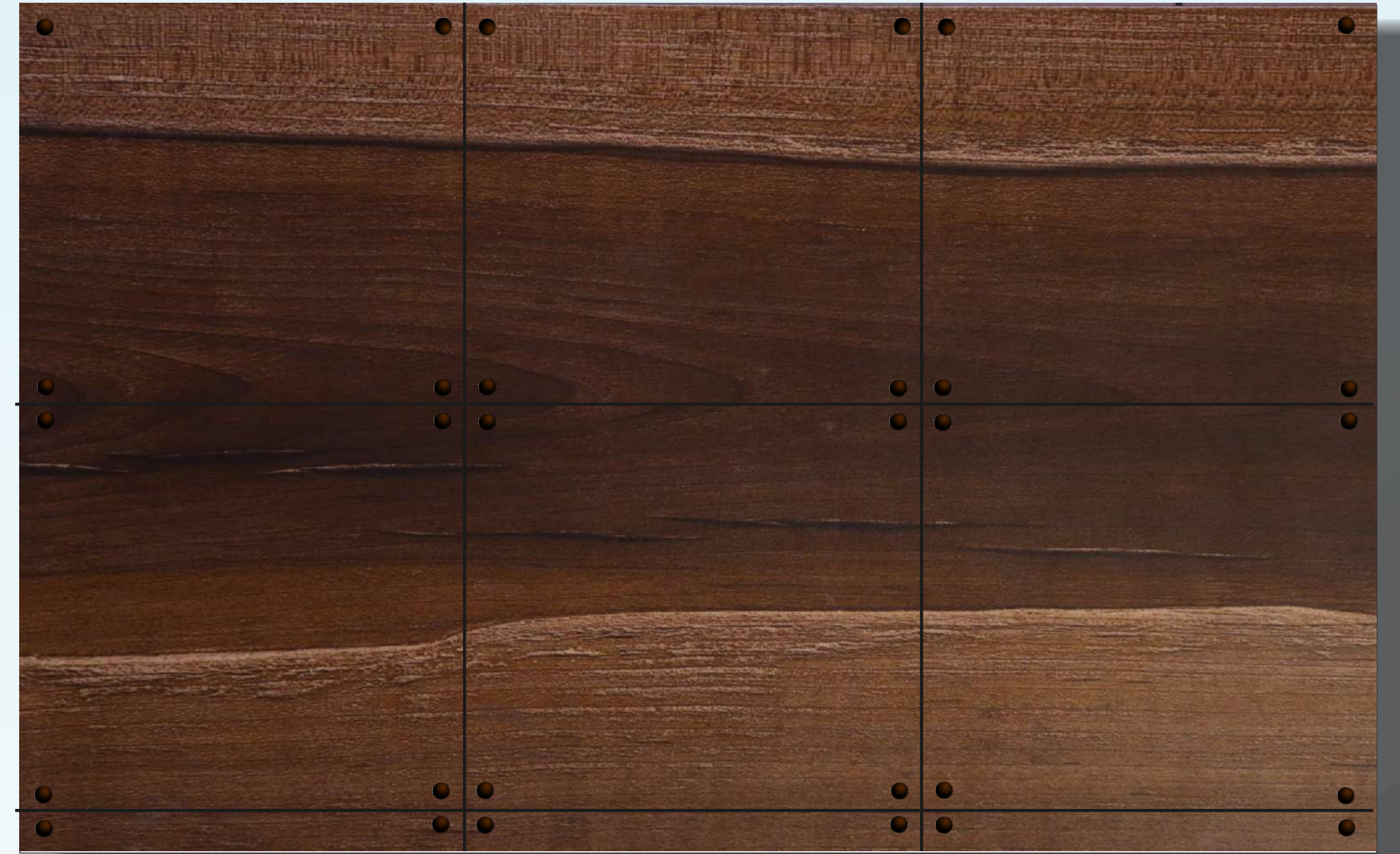


3220 Dyed Walnut

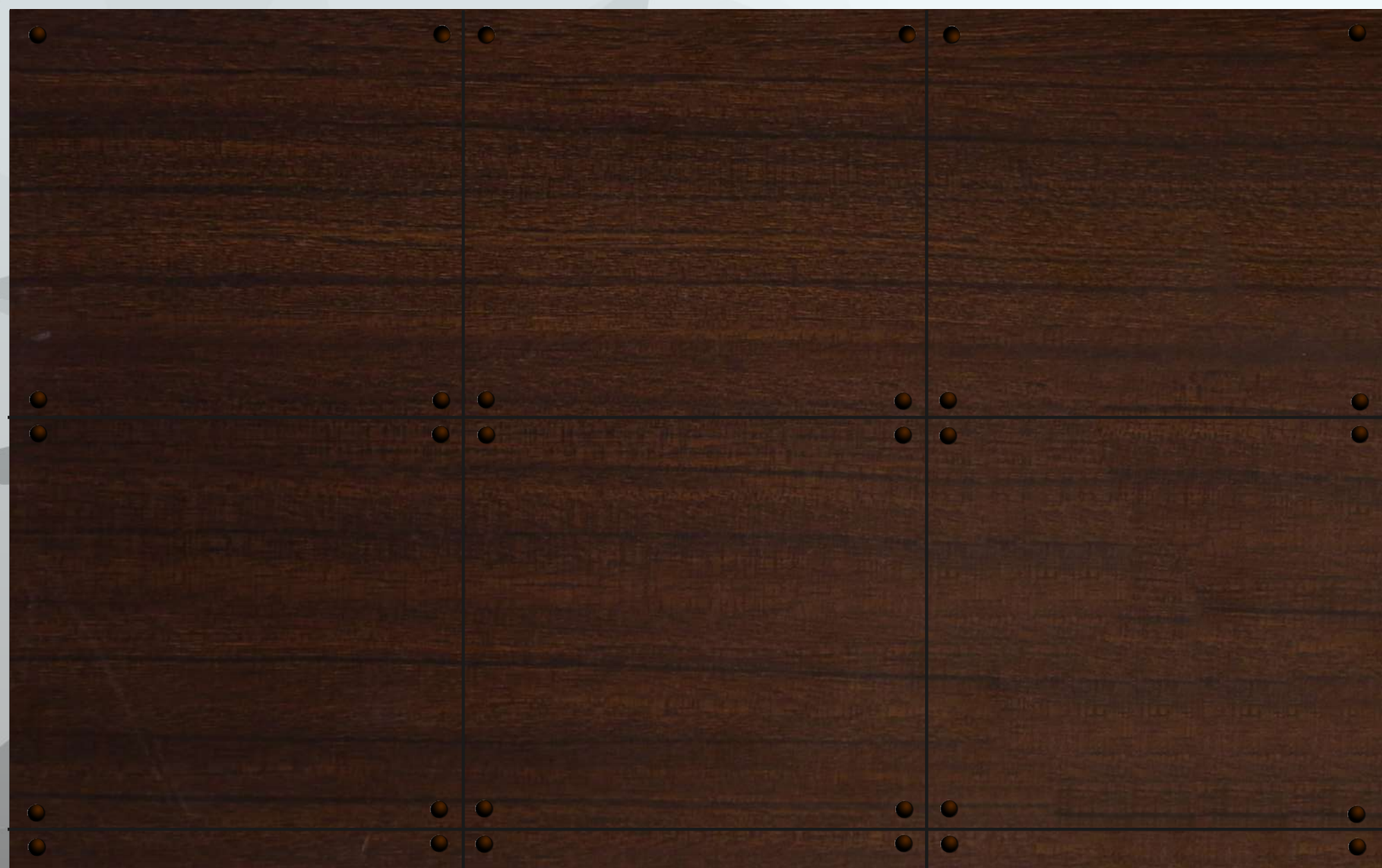
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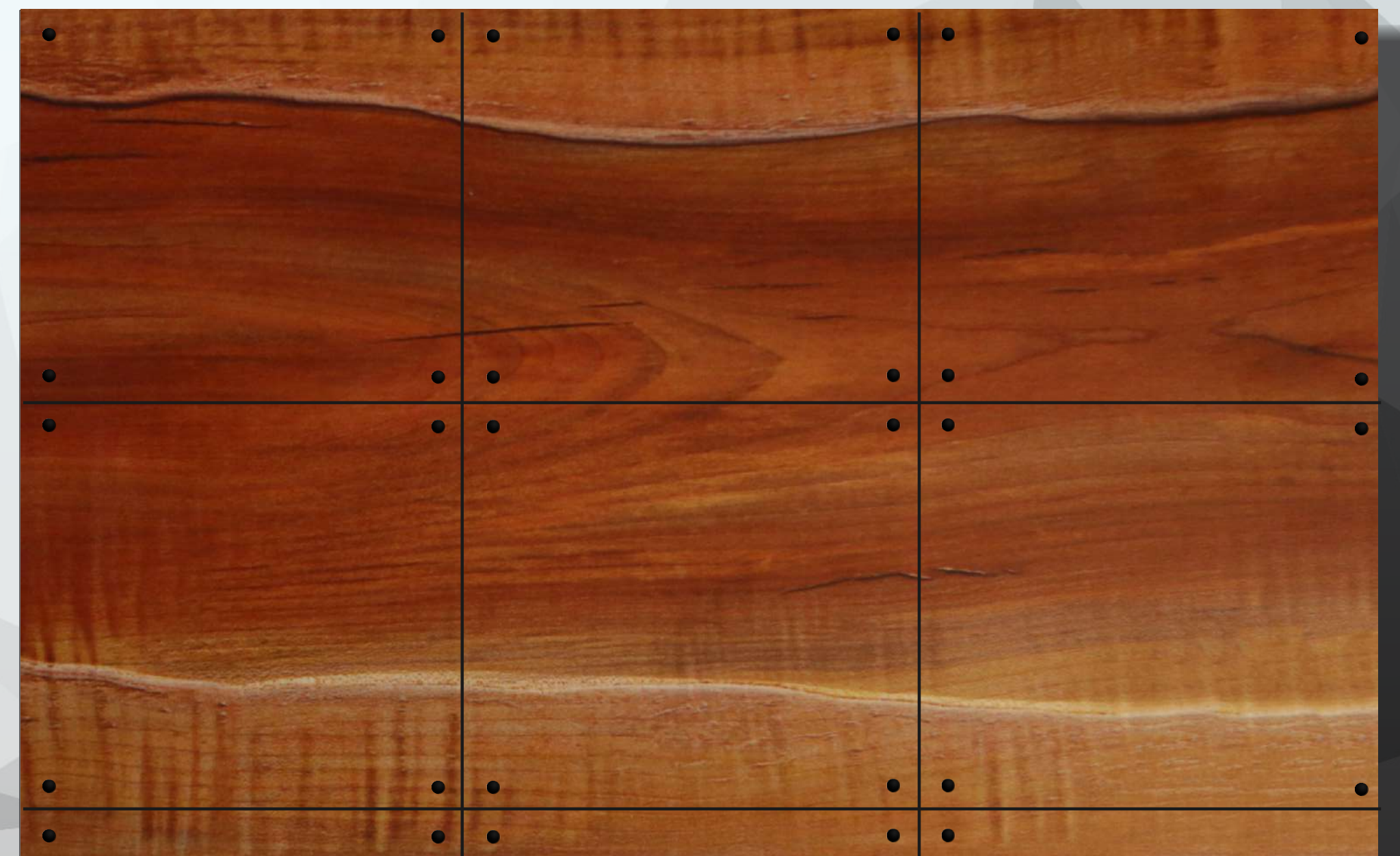
8658 Red Kentucky



8690 Maul Oak Dark

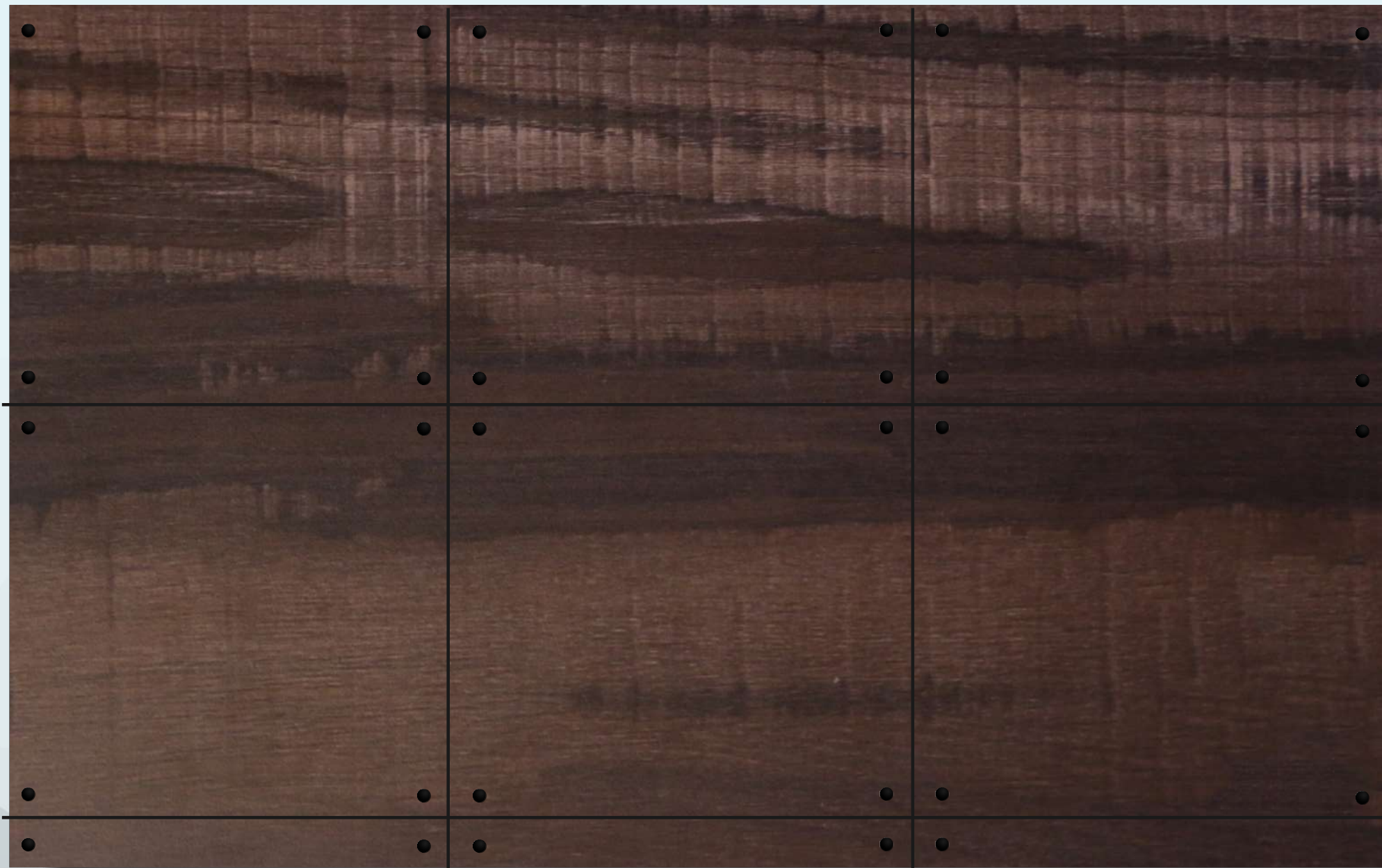


8650 Dark Alder



8689 Maul Oak Light

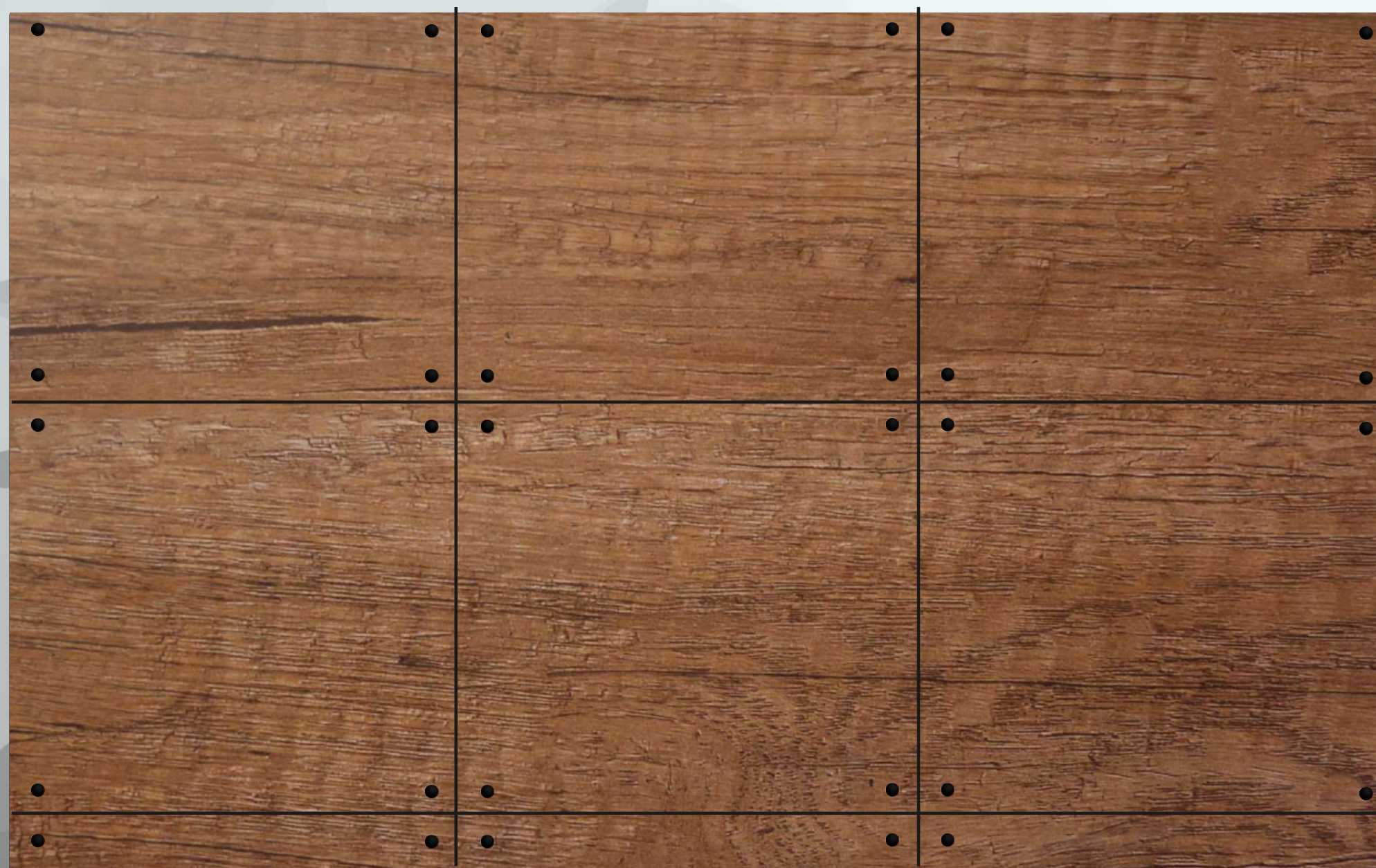
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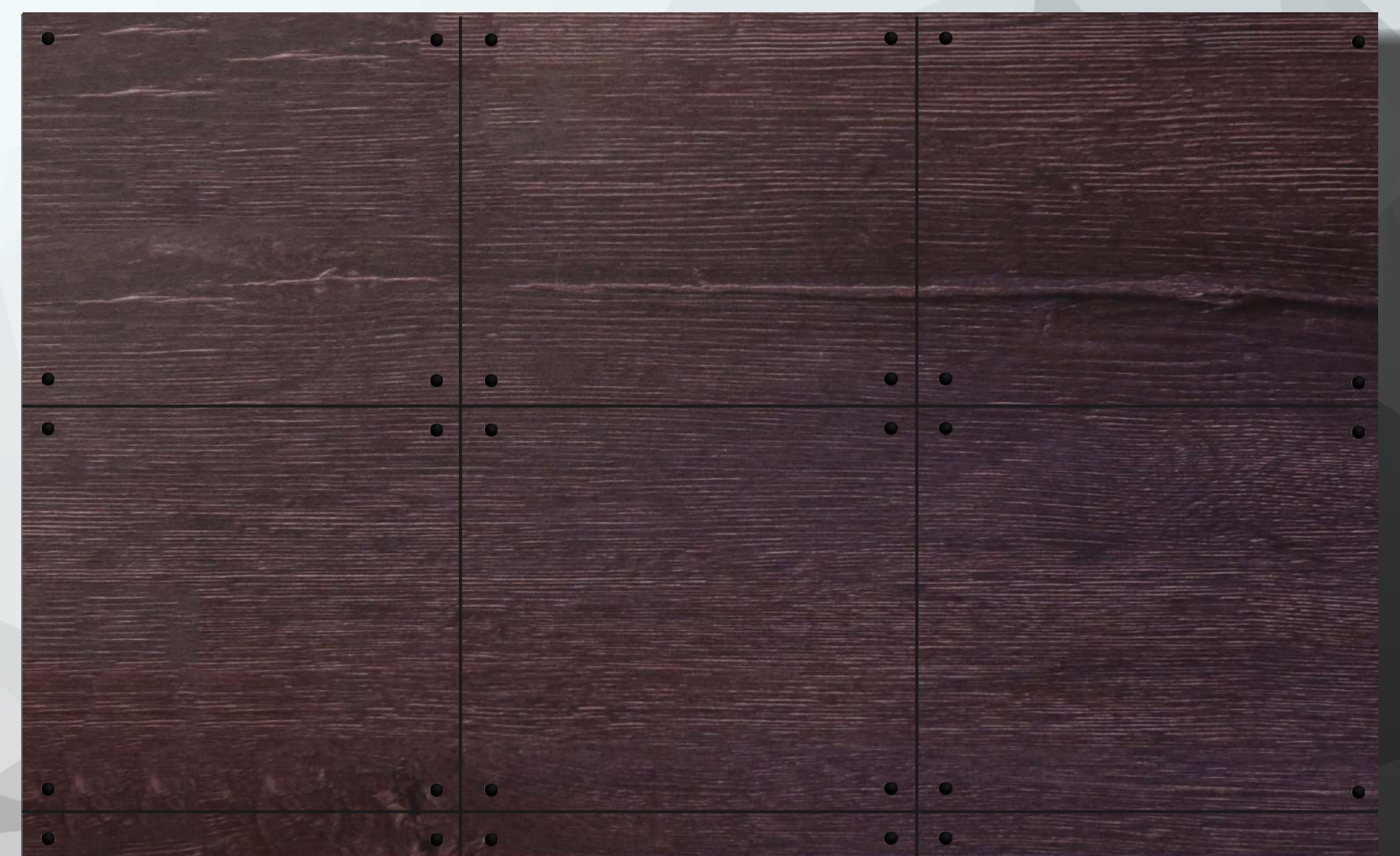
3050 Grilled Granita



3210 Yukon Eiche

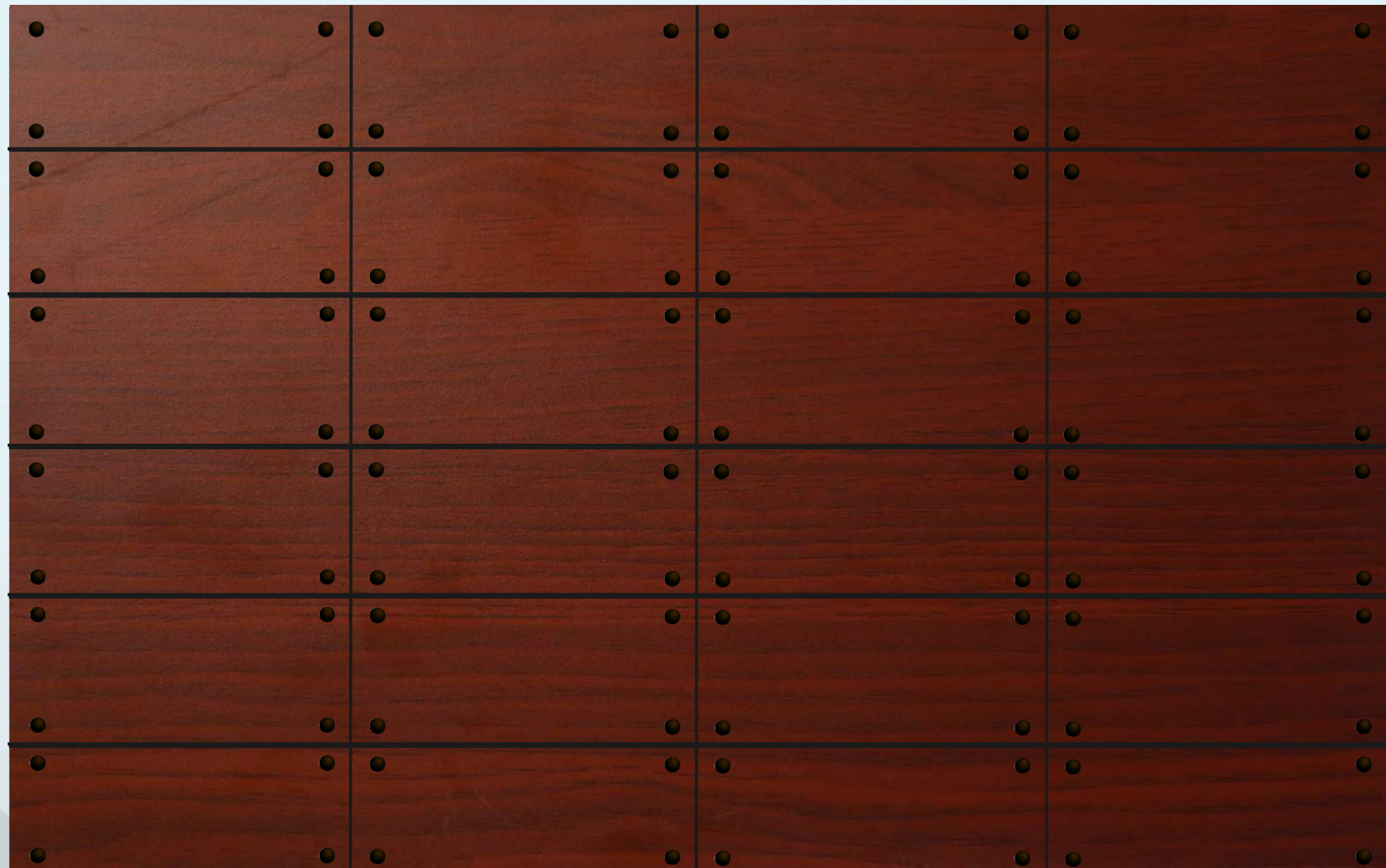


3212 Kevasingo Brown

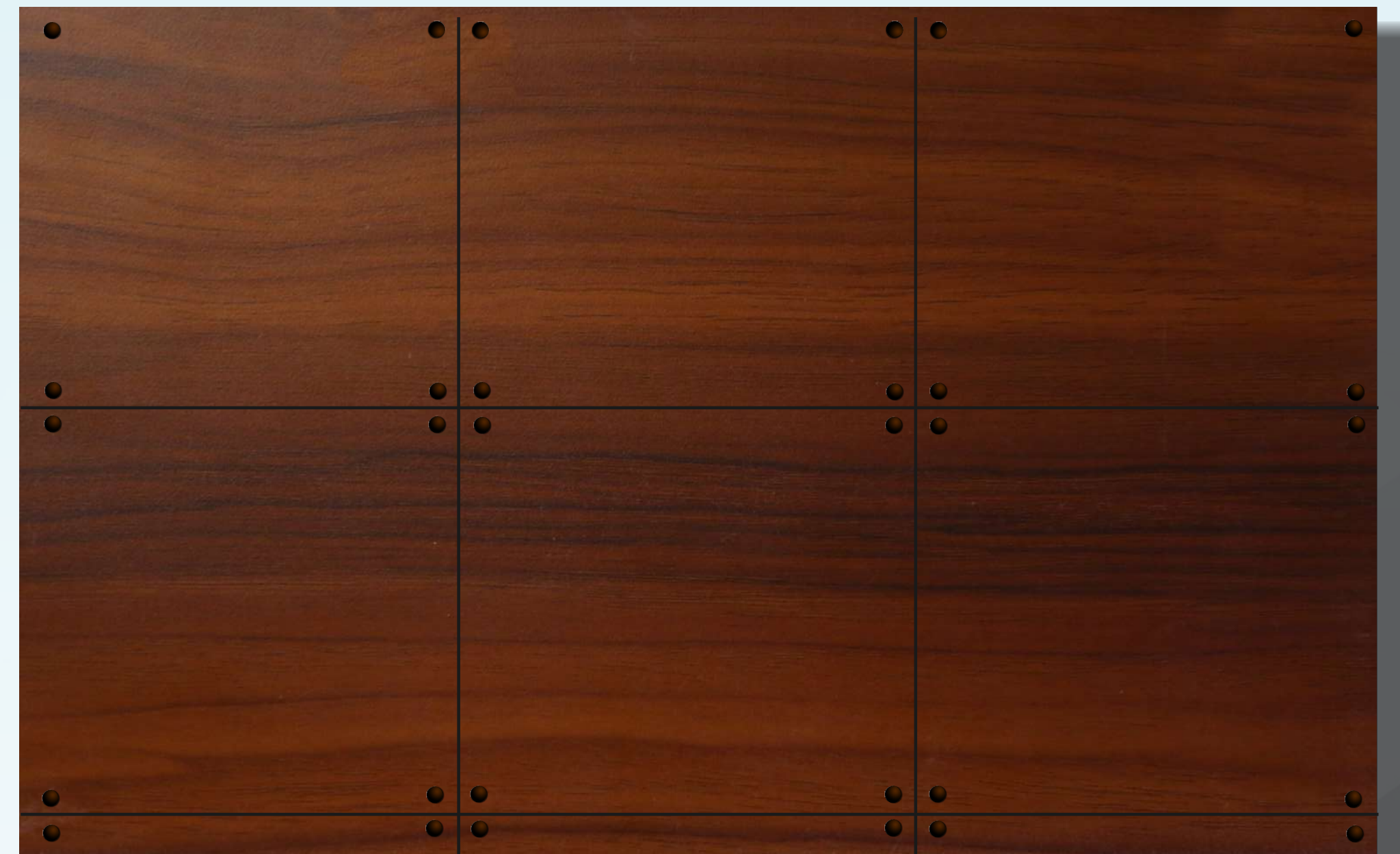


3047 Hickory

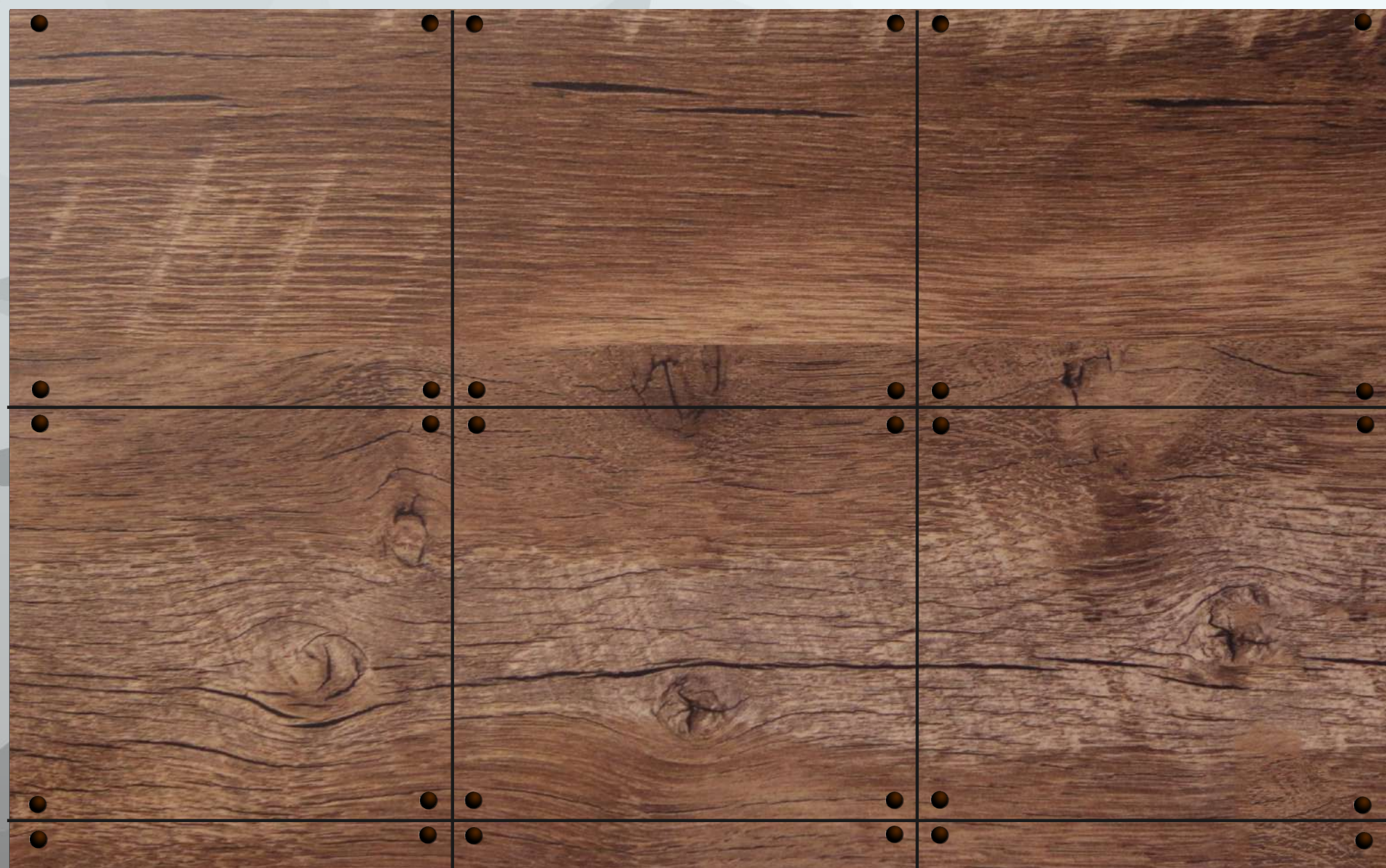
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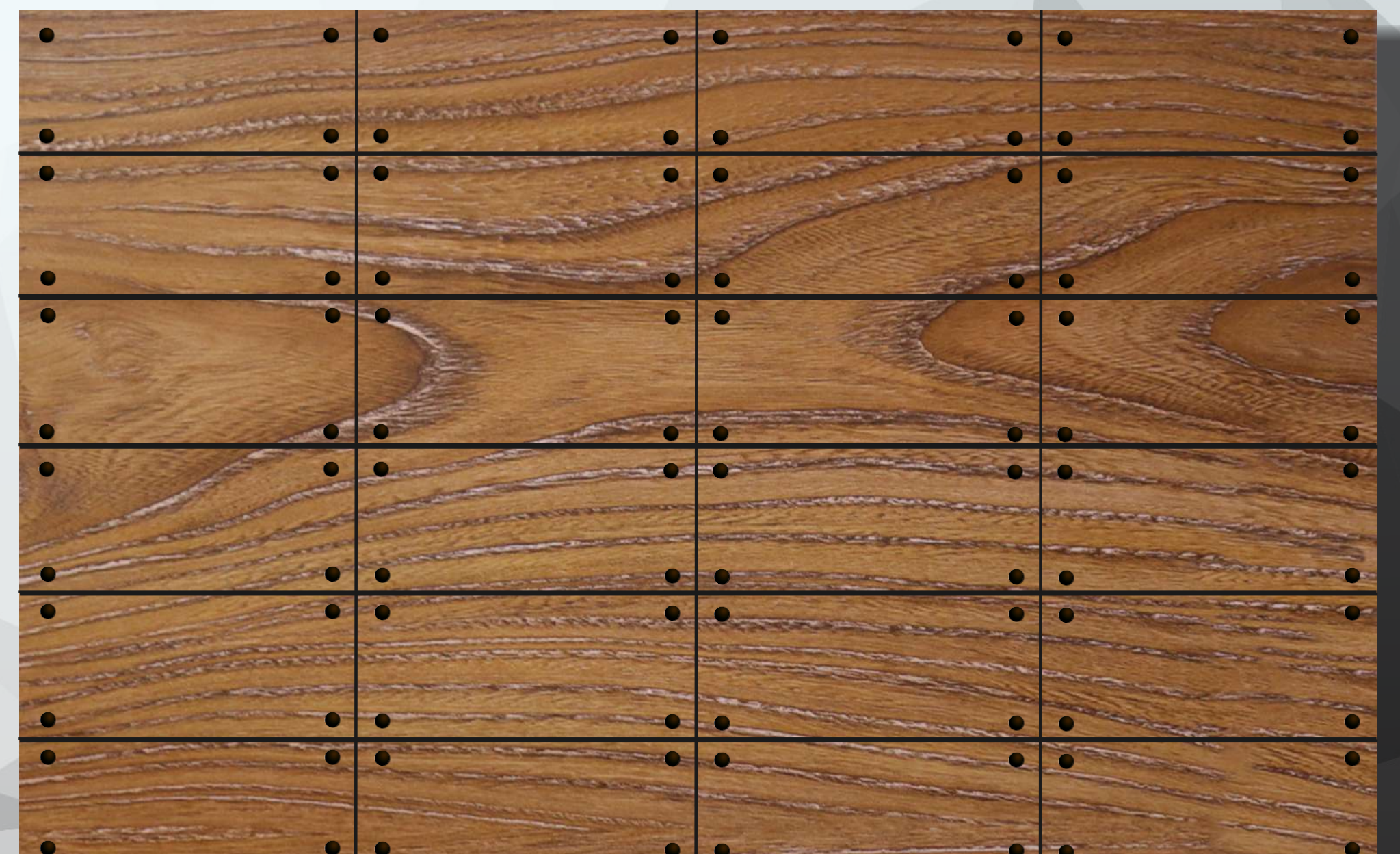
2196 Continental Ash



3120 Chestnut Red

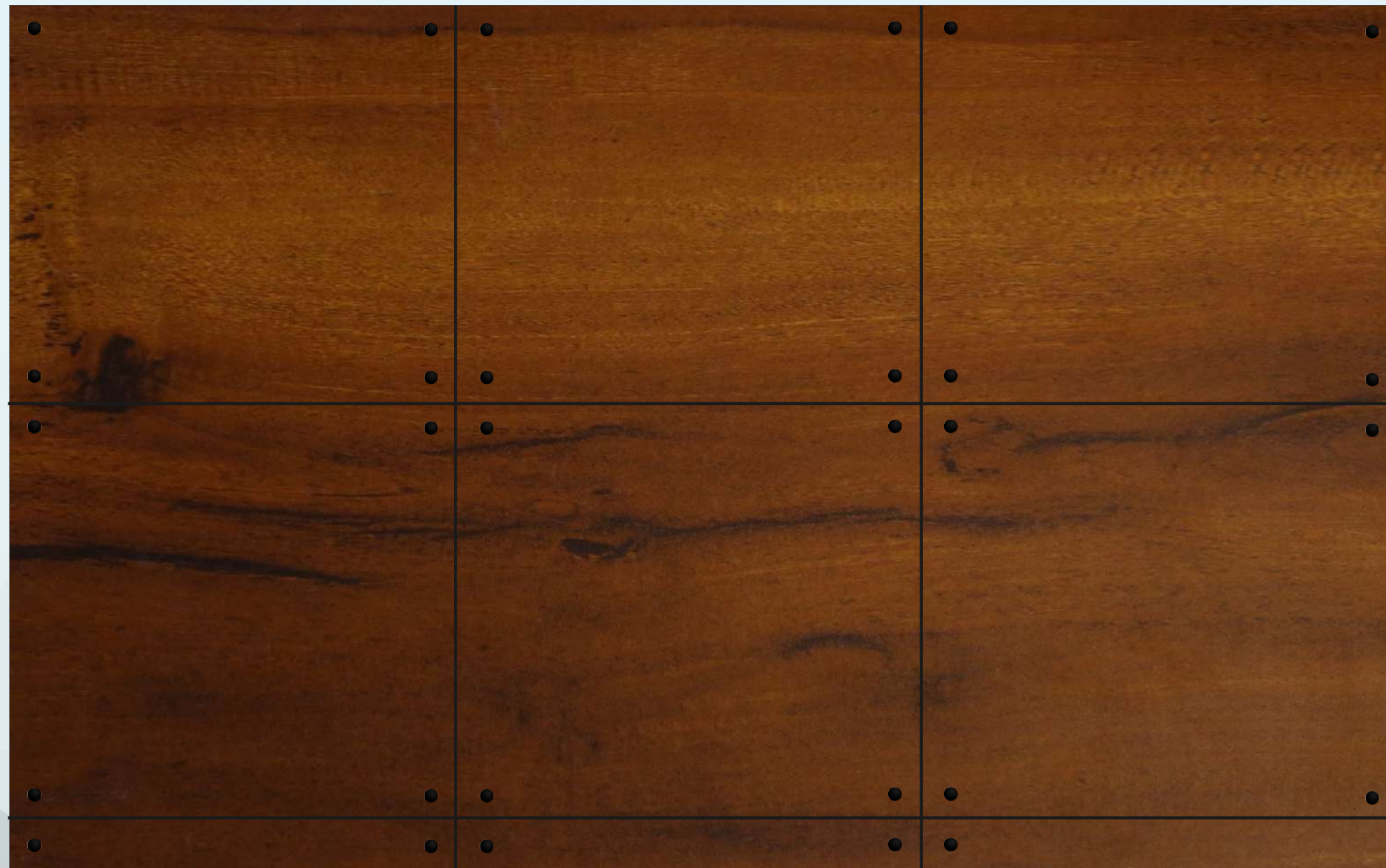


3209 Yukon Oak

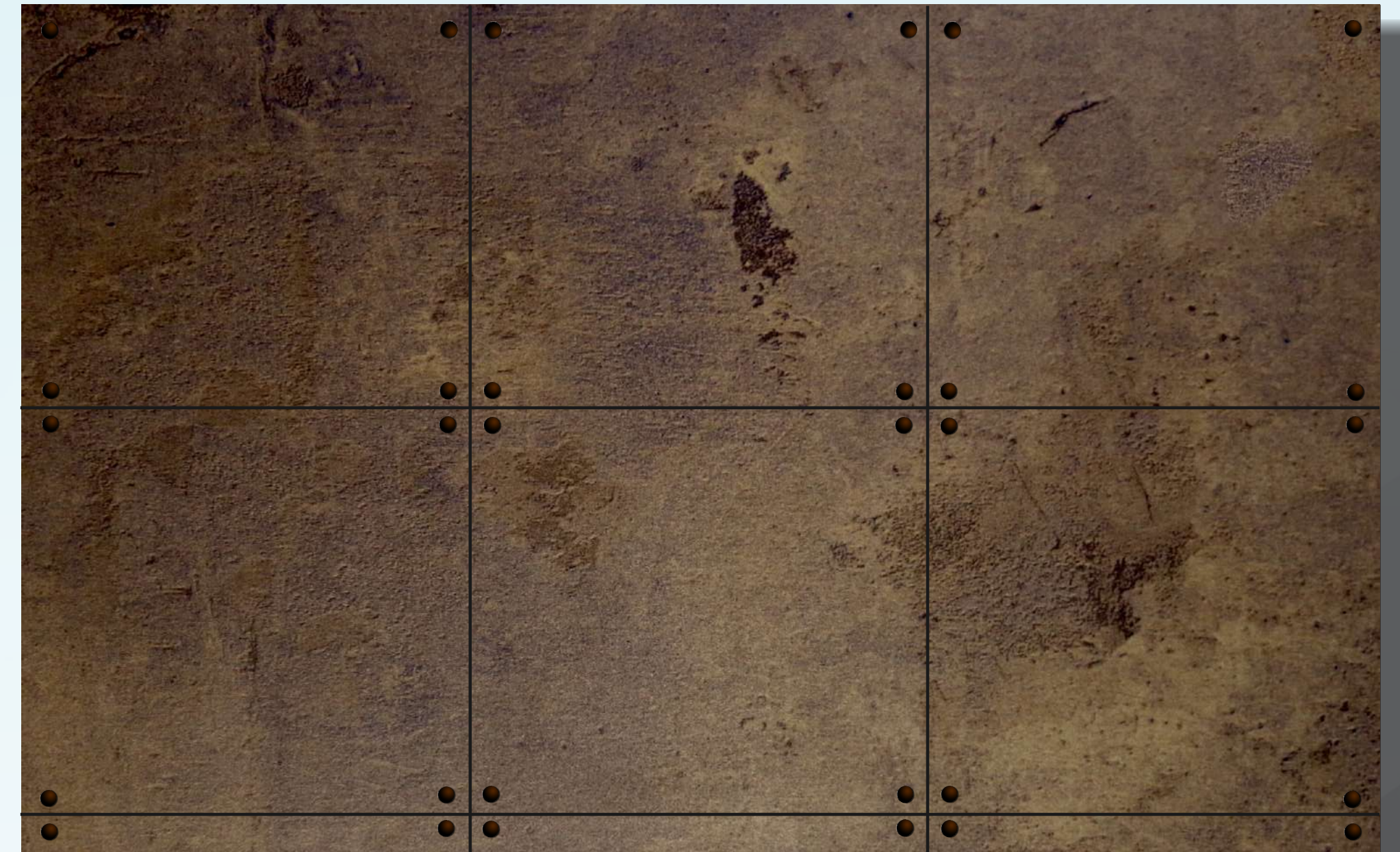


3065 Olive Ash

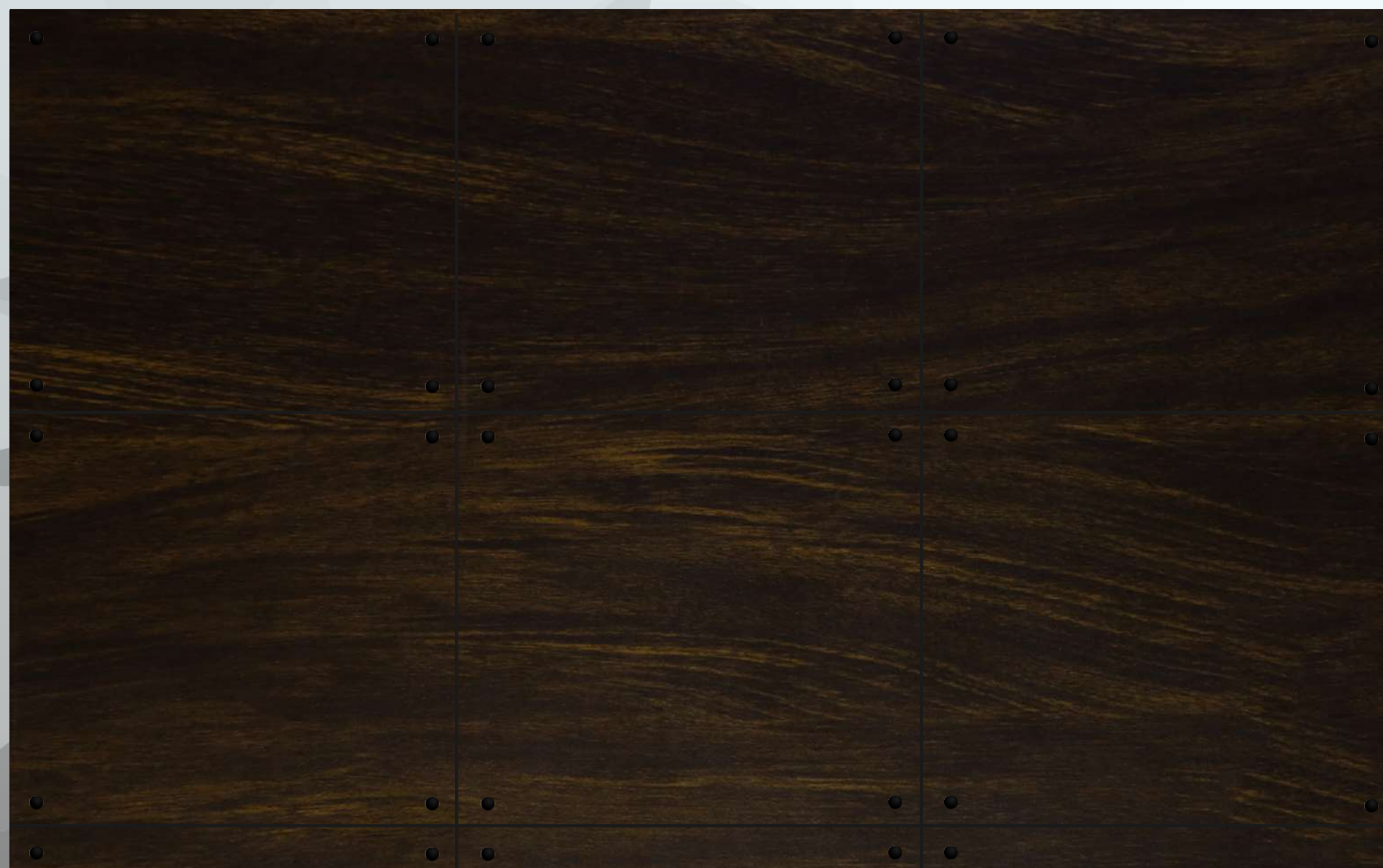
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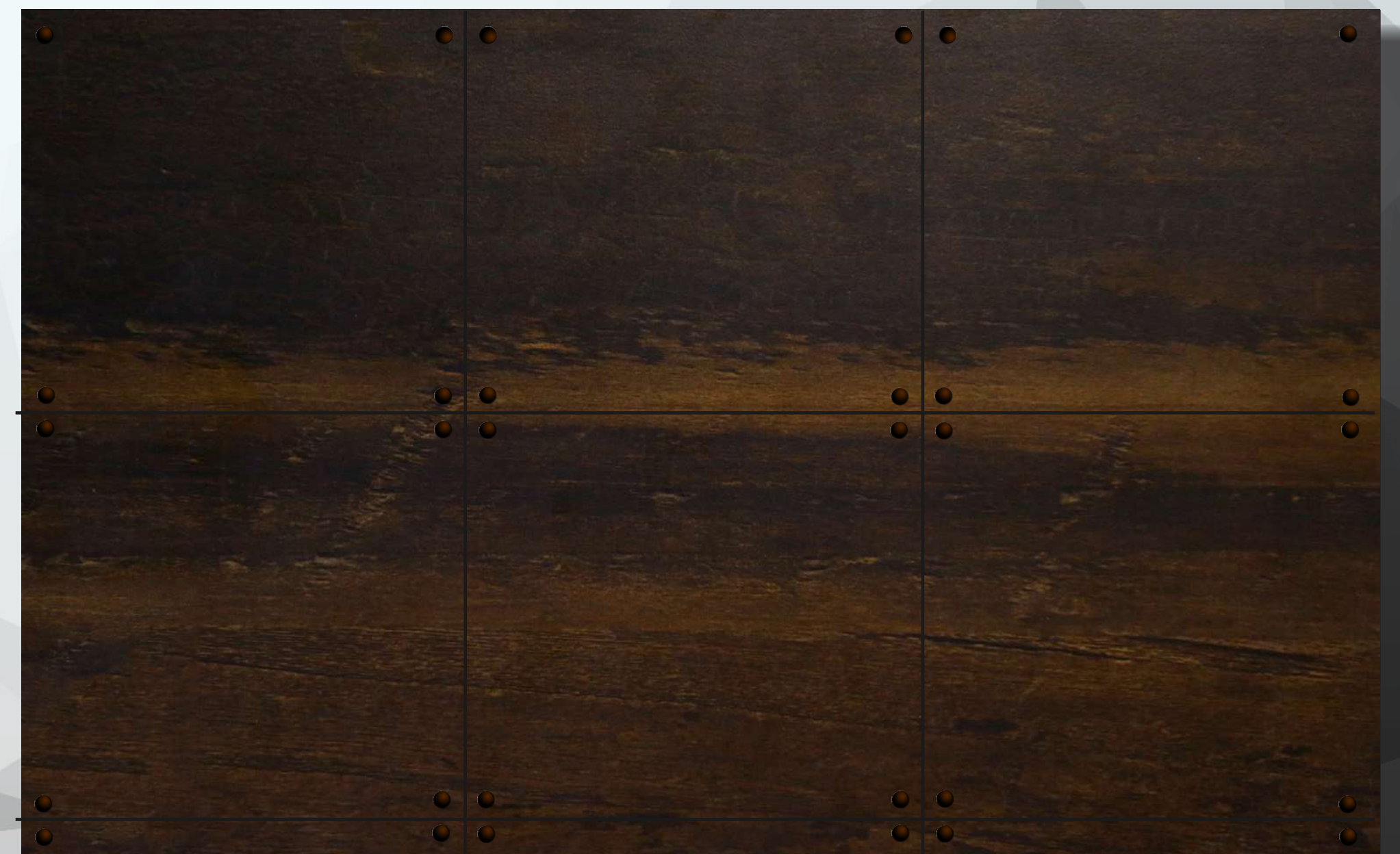
3055 Capisco



3230 Rose Gold

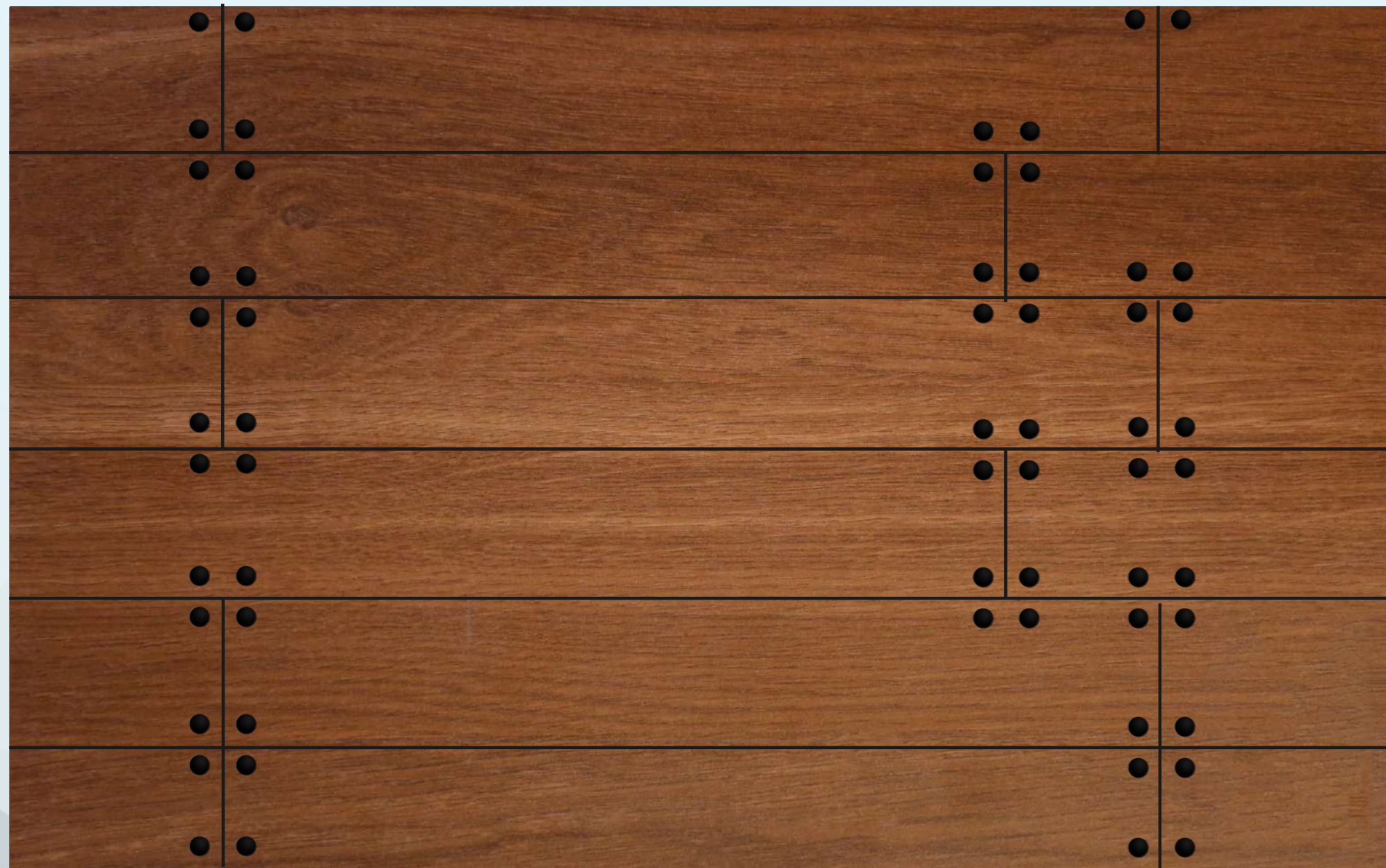


3218 Brazilian Teak

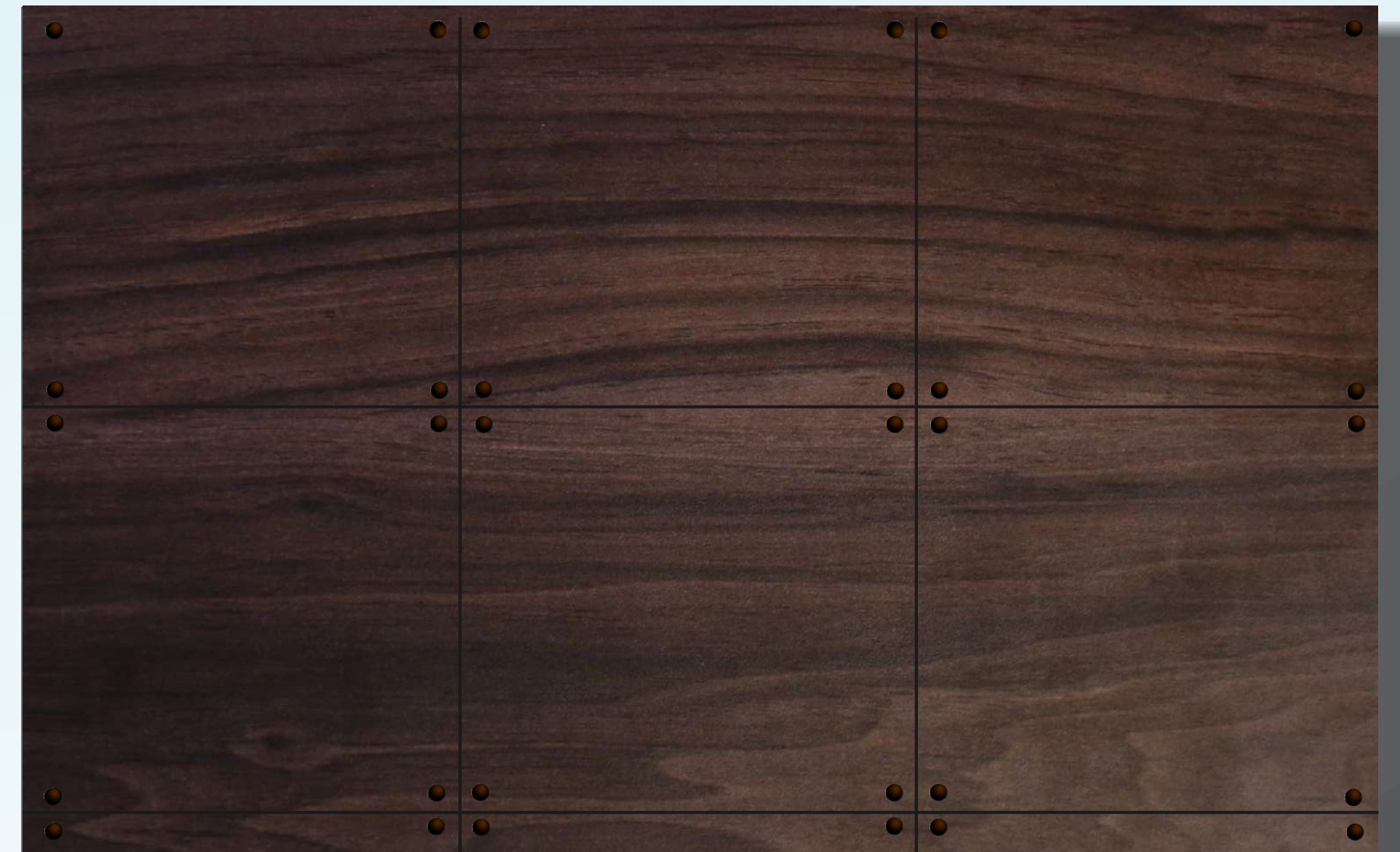


3261 Natural Wood

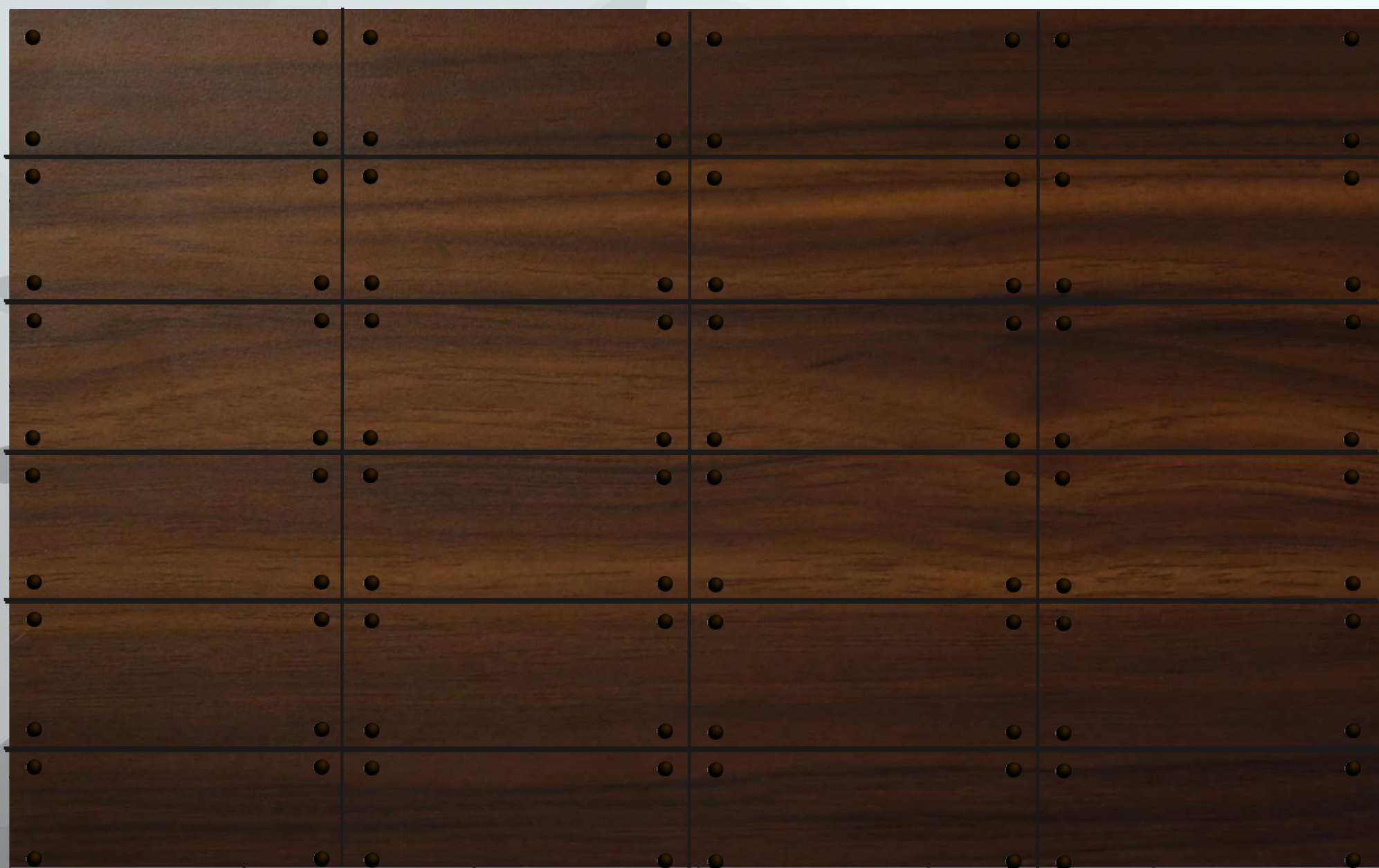
SPANISH BY NATURE



3249 Rock Pile Dark



SA 479 Smoked Canyon



3065 Olive Ash

PROPERTIES



Adhesive



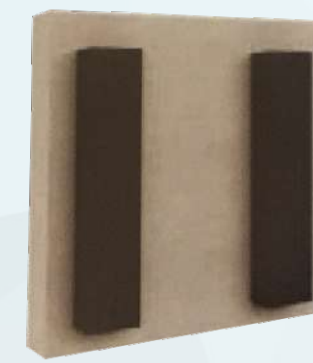
Adhesive Fixing



Finished Wall



Riveted



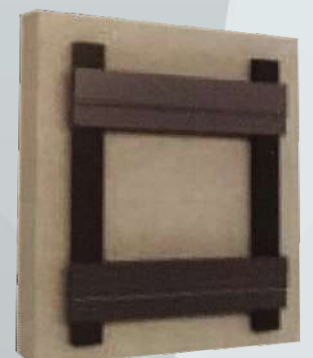
Riveted Fixing



Finished Wall



Z-Clip



Z-Clip Fixing



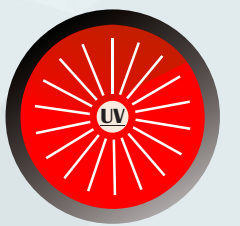
Finished Wall

INSTALLATION SCHEMATICS

Weather Resistance: Finilex HPL Cladding is highly weather resistant as there is no effect on the surface or the core of the Finilex HPL Cladding material when exposed to extreme weather conditions such as high temperature to low temperature and high humidity to low humidity.



UV Resistance: A special UV protected treatment makes Finilex HPL Cladding UV resistant, which does not allow the decorative surface to discolor when exposed to direct sunlight for extended periods.



Climatic Shock Resistance: Finilex External Cladding is resistant to sudden change in temperature and humidity of the atmosphere, and maintains its physical and mechanical properties for long period.



Corrosion Free: Finilex External HPL Cladding is absolutely corrosion free unlike other external cladding products.



Graffiti Resistance : Finilex External HPL Cladding is graffiti resistant any writing marks made on the surface can be easily removed with diluted solvents such as Acetone, WaterRaz, Thinner.



PROPERTIES

Moisture Resistance : Finilex HPL Cladding is highly moisture resistant Hence ideal for use in all types of exterior cladding on buildings such as Residential, Workplaces, Business Centers , Banks , Public Building, Airport and Hospitals.

Mechanical Properties : Finilex HPL Cladding is impact resistant. Flexural Strength , modulus of elasticity is very good because of the use of specially modified phenolic resin.

Termite Resistance: Finilex HPL Cladding is completely resistant to termite And fungal attack.

Abrasion Resistance : Finilex HPL Cladding has superior abrasion and wear resistance , hence life of Finilex HPL Cladding is far more than most of the other cladding materials. Finilex HPL are also available in flame retardant grade.



Flame Retardant



Moisture Resistant



Impact Resistant



Termite Resistant



Scratch Resistant

EASE OF USE

Install : Less time and efforts is required for installation.

Maintain : Can be cleaned using a damp cloth or sponge and a mild soap or detergent.

Replace : Reproduction of same color of Finilex HPL Cladding. Is possible ; so replacement with matching color is possible.

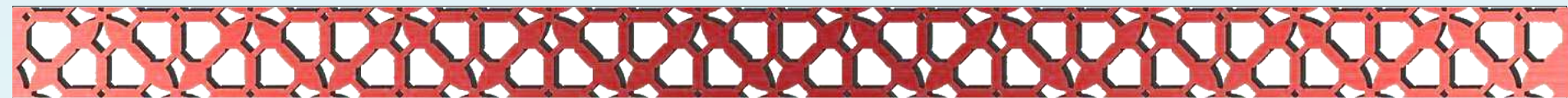
Renovation : Can be installed on existing wall surface



TECHNICAL DATA

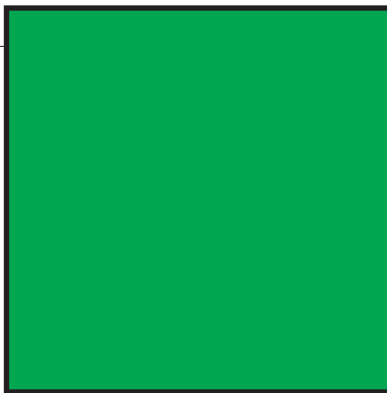
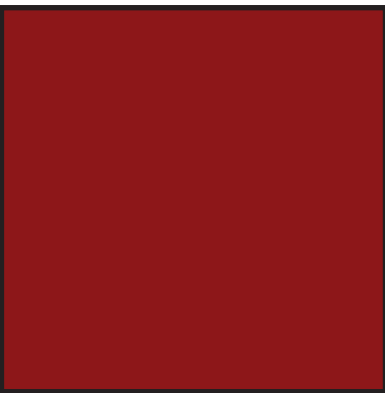
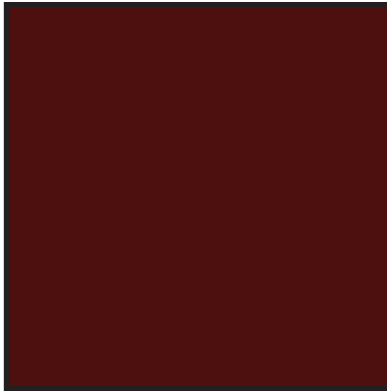
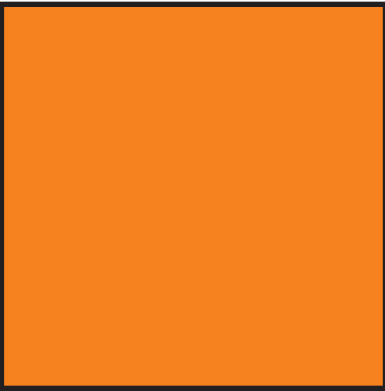
Sl.No.	Properties	Specification As per EN 438-part 6	Values
1	Thickness (mm.) (max.) 5.00 --< t < 8.00 (mm.)	6.00 ± 0.40 mm.	6.15 mm.
2	Length (mm.)	2440.00 + 10.00 / - 0.00 mm.	2441.00 mm.
3	Width (mm.)	1220.00 + 10.00 / - 0.00 mm.	1221.00 mm.
4	Edge Straightness mm. (max.)	1.50 mm. / m.	0.90 mm. / m.
5	Edge Squareness mm. (max.)	1.50 mm. / m.	0.80 mm. / m.
6	Flatness (mm.) (max.) 2.00 < t < 6.00 mm. 6.00 < t < 10.00 mm. t % 10.00 mm.	8.00 mm. / m. 5.00 mm. / m. 3.00 mm. / m.	4.00 mm. / m. 2.50 mm. / m. 1.30 mm. / m.
7	Flexural Modulus (min.)	9000 Mpa.	13966 Mpa.
8	Flexural Strength (min.)	80 Mpa.	114 Mpa.
9	Tensile Strength (min.)	60 Mpa.	66 Mpa.
10	Density, gm. / cm3 (min.)	1.35 gm. / cm3	1.45 gm. /cm3
11	Resistance to impact by large diameter ball, a) Drop height mm. (min.) 2.00 < t < 5.00 mm. (t=nominal thickness) t -> 5.00 mm. b) Indentation dia. mm. (max.)	1400.00 mm. 1800.00 mm. 10.00 mm.	1600.00 mm. 2000.00 mm. 6.00 mm.
12	Resistance to wet conditions a) Mass increase (%) max. 2.00 < t < 5.00 mm. (t=nominal thickness) t -> 5.00 mm. b) Appearance not worse than	10% 8% Rating 4	4% 3% Rating 5
13	Dimensional stability at elevated temperature, 2.00 < t < 5.00 mm. (t=nominal thickness) a) Longitudinal, % max. b) Transverse, % max. t > 5.00 mm. a) Longitudinal, % max. b) Transverse, % max.	0.40% 0.80% 0.30% 0.60%	0.25% 0.45% 0.20% 0.40%
14	Resistance to climatic shock a) Appearance b) Flexural Strength index, min. c) Flexural modulus index, min.	Rating 4 0.95 0.95	Rating 4 1.10 1.50
15	Resistance to artificial weathering (Including Light fastness) a) Gray scale rating (not worse than) b) Appearance (min.)	After 650 MJ/m2 radiant Exposure (3000 hrs) Rating 3 Rating 4	3000 hrs passes Rating 4 Rating 4
16	Resistance to UV light a) Gray scale rating (not worse than) b) Appearance (min.)	Ater 1500 hrs Exposure Rating 3 Rating 4	1500 hrs passes Rating 4 Rating 4
17	Spread of flame	Class 1	Class 1

Remark: E (Exterior Grade), D (Severe use), F (Flame Retardant Grade)



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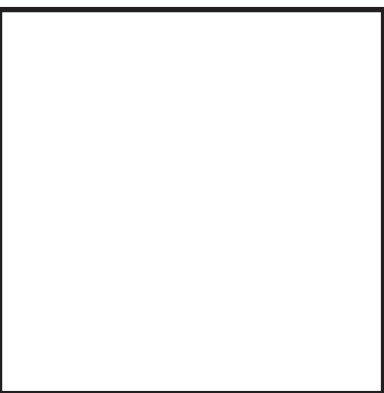
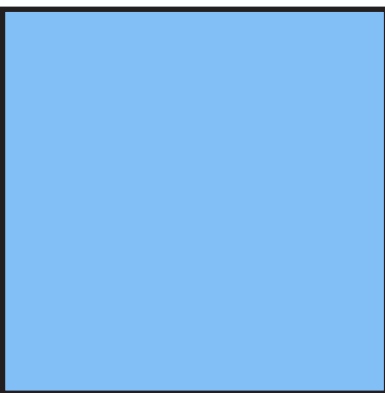
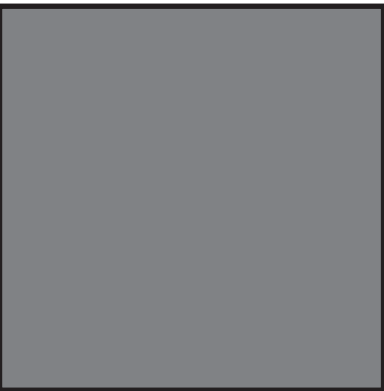
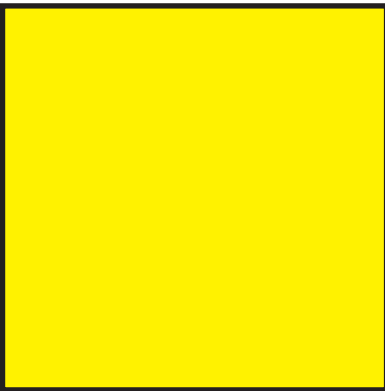
11

		
105	Sample	106
		
107		108



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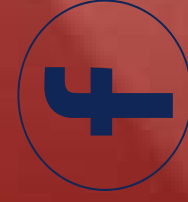
		
101	Sample	102
		
103		104

FINILEX

Finilex High pressure Laminates have a decorative surface that is suitable for wall and linings. Special quality resins provide extremely effective weather protection.

These **HPL are produced** in lamination press under high pressure and temperature, they are **resistant to water, fire, termites with special protection against inclement moisture and heat according to standards.**

Finilex HPL panels are extremely durable with style and big range of colours available on plain and wooden designs. It is excellent in properties to make suitable for building industries in compare to traditional material.



www.finilex.com