



Catalog 2021

Our Mission

HempWood® aims to be a catalyst for a wave of innovation consumed by the idea that our cultural shift towards a more sustainable way of living is no longer desired but required.

By using the algorithm of a tree, we have reverse engineered the natural growth cycle of plant-based materials and utilized biomimicry to transform hemp fibers and protein based bonding agents into a viable wood substitute that is 100 times faster to grow and 20% denser than oak.

With all typical hard wood applications being the core function of HempWood® the possibilities are nearly endless.

How it Happens

HempWood® is an engineered wood product. Developed by Founder Greg Wilson, HempWood® is made through a process of adhesion, compression, and baking.

First, full length fiber hemp stalks are submerged in an all natural soy-based adhesive. After saturation, the hemp stalks are spread evenly on racks and placed into a dryer to lower the moisture content. After drying, the stalks are weighed into portions. The portions of hemp stalks are then compressed under 3,000 tons of pressure into 5.5 x 5.5 x 72" steel molds.

After pressing the dried hemp into the molds, the blocks are baked until the catalyst in the glue is activated, which makes the blocks solid.

From the blocks, HempWood® lumber, flooring, panels, woodturning blanks, picture frames, table and cabinet kits are made.

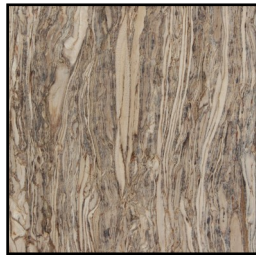
Lumber



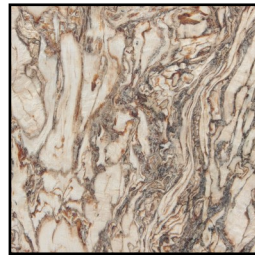
Lumber Pricing

Blocks per linear ft		
\$30	6x6x48/72"	1
\$25	6x6x48/72"	8

Lumber		
\$2.5	1/4x5.25x48/72"	Per linear ft
\$6	3/4x5.25x48/72"	Per linear ft
\$7	4/4x5.25x48/72"	Per linear ft
\$10	8/4x5.25x48/72"	Per linear ft



Rift Sawn



Face Sawn

- Eco-Friendly
- Sustainable
- Made in the USA
- Innovative
- No added VOCs
- No added formaldehyde
- 20% denser than hickory
- Seed to lumber 150 days

Panels

Panels		
\$25	3/4x10x48"	each
\$120	3/4x48x48"	each
\$240	3/4x48x96"	each



Uses

- Accent walls
- Table tops
- Cabinetry
- Counters
- Furniture
- And more!



Renewable



Prevents Deforestation



Grows Faster Than Oak

Flooring



HempWood® Natural Flooring

Flooring Pricing

Flooring per Ft ²		
\$8/ft ²	5/8x5x48/72"	No coating
\$10/ft ²	5/8x5x48/72"	Bona coating

Stain can be added for \$1/ft²



Bourbon

Natural

Unfinished

Tinted Sealer Options



Whitewash



Amber

Flooring Specs

TEST RESULTS		
Item	Standard	Result
Density	ASTM D2395	55 lbs./ft ³ or 850 kg/m ³
Hardness	ASTM D1037 – 6a (Janka Ball)	2,600 lbf
Dimensional Stability	ASTM D1037 (20-90% RH)	Swell 0.02/0.06/0.77%
Fire Rating	ASTM E 648	Rating: Class B
Abrasion Resistance*	ASTM 1037	1600-1800 revs (WRO)
Scratch Resistance*	ASTM 1037	21N
Slip Resistance*	BGR 151/DIN 51 130	R10
Formaldehyde Emissions	CARB 2	Compliant

*Bona coating

Upgrade your living space

HempWood® flooring offers the perfect environment for a weekend of relaxation or a productive afternoon in the office.



HempWood® Whitewash Flooring

Finished Goods

Cabinet Doors or Picture Frames		
\$80	16x14.5"	wood or acrylic door
\$100	22x18.5"	wood or acrylic door



Customization is available upon request.



Woodturning Blanks

Woodturning Blanks		
\$10	10x1x1"	Bead
\$8	2.5x2x2"	Bottle Stopper
\$15	5.25x5.25x3"	Bowl
\$5	4x4x.5"	Coaster
\$20	5.5x3/4x3/4"	Pen (4)
\$22.95	12x3x3"	Peppermill

For woodturning tips, refer to our YouTube channel and HempWood® Documents on our website!



Table & Cabinet Kits

Table Top Kit		
\$175	42x30"	Desk
\$200	42x42"	4 top table
\$300	72x42"	Conference Table



- Self-assemble
- Legs not included
- Assembly available

Cabinet Kits		
\$200	17x15.5"	wood or acrylic door
\$250	22x19"	wood or acrylic door



- Acrylic & solid doors
- Customizable
- Detailed Instructions
- Durable
- Self-assemble

Sample Packs

\$10	Includes Shipping*	Wood Sample
\$10	Includes Shipping*	Flooring Sample
\$20	Includes Shipping*	Design Pack

*lower 48 states



Architecture & Design Pack



Flooring Sample Pack



Lumber Sample Pack

Sales Programs

Interested in becoming a part of the HempWood® family?

HempWood® offers three opportunities for getting involved with the next biggest thing in the hemp building materials industry!

The factory rep program is the easiest way to get involved. By simply referring new customers, you are eligible for 5% commission.

The retailer/dealer program offers discounts to businesses that choose to carry HempWood® products.

The license/franchise option is for those who are eligible for opening their very own HempWood® factory.

For more information, contact gwilson@hempwood.com.

HempWood Sales Programs	
1. Factory Rep	5% commission
2. Retailer/Dealer	Volume Discounts
3. License/Franchise	\$150-250K upfront and 5% Royalty



Our Story

Greg Wilson, founder and owner, has over 20 years of experience in the building industry. In 2003, Wilson began his journey with flooring.

After obtaining 14 years of knowledge in the bamboo flooring industry, Wilson started HempWood®.

HempWood® began manufacturing in August, 2019. HempWood® is located in Murray, Ky. With the assistance of Murray State University and the Huston School of Agriculture, HempWood® strives to provide a sustainable wood alternative for generations to come.

HempWood® looks forward to what the future holds. We also appreciate all the support we have received over the years.



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