

Sing Honeycomb

The invention of the wood veneer honeycomb panel is changing how things are made in high end mill work, furniture making, and home building industries.

Sing wood veneer honeycomb core and panel is stronger than the higher cost aluminum honeycomb and is available at a price close to the cost of paper honeycomb. This invention is a high strength, lightweight low cost material to replace solid wood , MDF, and plywood as a substrate.

Newly invented Sing honeycomb panel is the best material to replace 3/4 inch to 2.5 inch thick MDF as a substrate material for the wood working, fiberglass, composite, metal, and concrete industry.

1. A 4 ft x 8 ft x 1.5 inch HDF weighs 180 lbs. The same size and thickness Sing wood veneer honeycomb light weight panel weighs as little as 40 lbs. It is easy to work with, costs less to ship, and is safe for the workers to handle on the job site.----- See the endless applications www.superhoneycomb.com/applications.htm

2. Sing wood veneer honeycomb lightweight panels, are made in the USA. We can ship the next day for most of the stock sizes. Our panels are stronger, lighter, and more affordable. We offer fast delivery.

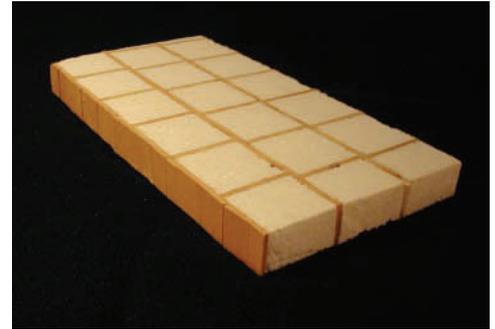
3. We produce HDF, MDF, plywood, honeycomb panels. Compliance with or beyond CARB phase 1 and phase 2 with (0% formaldehyde)

Sing Honeycomb Material

Sing Honeycomb is made of 100% natural wood veneer implanted in low density foam to create the newly patented Sing Honeycomb Core.

This low-cost high-performance material takes less energy to produce than conventional structural and non structural materials and is much stronger. It is the best combination of natural materials and human ingenuity in the last century of structural and non structural material invention.

Our honeycomb panels and beams start with our Honeycomb core and can have any type of facial board: hardwood, softwood, plywood, fiberglass, plastic, metal, etc. The combination of the Patented Sing Honeycomb core material with your choice of outer sheeting produces low-cost high-strength, lightweight panels and beams suited to your individual needs.



Sing Honeycomb Planks:

These 1 3/4 " x 9.5 " thick planks can be edge glued to any width and butt glued to any length without having to be planed. No solid wood plank can be edge glued and butt joint to make a straight and flat panel.



Sing Honeycomb Substrate:

Our substrate is more stable and moisture resistant than a core made of particle board, solid wood, mdf and plywood. It is easy to use. Use regular carpenters glue and clamps to make your own honeycomb panel, with our patented Sing Honeycomb MDF substrate as the core material



Sing Honeycomb Panels:

These lightweight panels are made of Sing honeycomb for use as partition walls doors, roof deck, and floors.



Free Samples Available!

Characteristics Of Sing Honeycomb Panels.....



Lightweight— Sing Panels and beams are the lightest on the market

High Strength—Sing panels are the strongest and stiffest insulated wood panels in the world. The strength of Sing panels is **un-matched**

Flat and Straight - Sing Panels stiffness and deflection properties exceeds current panel manufacturing requirements for performance. Oversize is no problem

Rot Resistant - Sing panels and beams are rot resistant even with ground contact. They can withstand extreme moisture and humidity.

How to edge glue wood planks.....



These 1 3/4" x 9.5" thick planks can be edge glued to any width and butt glued to any length without having to be planed. Wood planks available in softwood and hardwood

Finished conference table made with Sing Super Honeycomb planks

Other materials with Sing Honeycomb core.....

Applications are endless.....



Fiberglass—



1/4" Hardi-plank—Solid like a rock with honeycomb in-fill



Ceramic Tile



Tiny House—Entire home is built with Sing honeycomb products

General information for Sing Honeycomb Panels

Sing Honeycomb Panels come in all different sizes. Follow the steps and we can get you a price quote:

Step one:

Choose Application

Floor (2 ½”thick)

Wall (partition wall standard size 4’x8’x4”thick)

Ceiling (1 ½” thick to 4” thick)

Doors (1 ¾” thick, door core is 1.56”thick)

Case Goods furniture (1 ½” thick bookcase, wall unit, pantries, kitchen cabinets, desk, table, bench etc)

Misc. (lightweight ramp, tank, Jacuzzi, outdoor table & bench, etc.)

Step Two:

Choose Material

Plywood – Soft or hardwood (Exterior door, bookcase, case goods, partition wall, floors, ceiling.....)

Solid wood plank—Fir, white cedar, maple, birch (Table top, mantles, decorative beams, interior door, finished floor panel, furniture.....)

Fiberglass – Fiberglass (for water tank, ramp, trailer bed, tank, doors)

Metal – Stainless steel, Aluminum (BBQ table, bench, outdoor table, door, trailer.....)

Step Three:

Choose thickness of skin & core

Skin Thickness

1/8”, 3/8” 1/2”

Core Thickness

½”, ¾”, 1”, 1 1/2”, 2”, 3” or 5”

Step Four:

What are dimension of panel standard size is 4’x8’ or any larger than 4’x8’ or smaller