



Why our Sing wood veneer/honeycomb structure is "Green" and the most earth friendly way to use natural and manmade materials together.

Many people ask....."Is the foam used in Sing honeycomb core really a green product?"

The answer is yes when looked at in terms of sustainability.

A good example that we are all familiar with is a coffee or tea cup made of Styrofoam or a coffee mug made of same material but enclosed in a solid container. Solo cups are only used once than thrown away as garbage to fill our land fill. But the same solo cup material made into a permanent coffee mug could last 10 years without being replaced. You will agree that the same materials use, its life span, and its impact on the environment are the best way to judge if it is a green and non green product.

The cost of solo eps foam cup is not only how much you spend for 10,000 cups during 10 years of time. (Assuming: 3 times a day x 365 days, times 10 years = 10,000 solo cups to the land fill from one person.) But the total cost is the energy to produce, ship raw materials, and disposal. LCA studies show that wood is better for the environment than steel or concrete in terms of embodied energy, global warming potential, air emissions, water emissions, and solid waste production.

The Sing Honeycomb core structure is made of 100% natural vertical grain wood veneer. This sets us apart from our counterparts who use paper, particle board, aluminum, or plastic. Doors made with our honeycomb core can last at least 10 times longer than doors made of paper honeycomb, and particle board.

If the price of Sing honeycomb door cores is divided by 10, it will be the most economic doors on the market today.

If you consider the life span of these products than you will agree Sing honeycomb is the answer for green products. Sing honeycomb products are made of recycled foam, and 100% clean wood veneer.

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Sing honeycomb reinforces, reduces the weight and replaces the high energy consuming materials such as wood, plastic, metal, fiberglass, and concrete with minimum impact to the earth.

The following is the energy consumption comparison of sing honeycomb vs. wood, and wood vs. the other man made materials for your reference.

The energy consumption of wood products vs. others: The energy required to produce one ton of wood is much less than that for other materials.

Compared to the energy required to produce a ton of wood, it takes:

5 times more energy to produce 1 ton of cement

14 times more energy to produce 1 ton of glass.

24 times more energy to produce 1 ton of steel.

126 times more energy to produce 1 ton of aluminum

Sing honeycomb vs. wood, Sing honeycomb only has 10% or less of wood and almost 90% of air. It is the strongest lightweight, renewable material made of vertical grain natural wood veneer fiber. Products made of Sing honeycomb core are the strongest lightweight renewable products available at a comparable low cost.

So deciding if a product is "Green" should be based on the [Life Cycle Assessment](#) and [energy consumption](#) required to produce, transport, and dispose.

This is why Sing Honeycomb is a truly "Green" product.

(360) 495-3577
info@singhome.com



Brochure designed by: Affordable Graphic Design
affordablegraphicdesign@gmail.com
360-508-4452



SING

HONEYCOMB

DOOR

CORES

Our cores are what every door should be made of !



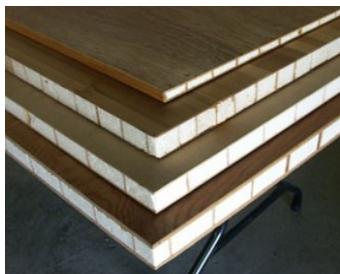
PO Box 174

McCleary, Washington 98557

(360) 495-3577

info@singhome.com

www.ltdoor.com



Our patented Sing Honeycomb Panels provide countless advantages over using plywood, fiberboard and other materials

- Insulation Properties:** Our EPS honeycomb core provides a 3.5% per sq. inch R-Factor and our Urethane honeycomb core provides a 6.5% per sq. inch R-factor
- Dimensionally Stable:** no other honeycomb core product can produce a product that can stay as straight
- Strength Under Pressure:** Our honeycomb panels have been tested at the University of Washington and were rated to have an average of 660 psi. while the average paper honeycomb or regular foam core only reach between one to 30 psi. We have proven the strength of our panels by driving a 12,000 lbs fork lift over Sing honeycomb panels without resulting in crushing damage.
- Versatility:** Our honeycomb core panels provide the versatility to manufacture large doors, oversized pocket doors, carriage doors or moveable wall systems for your project without the worry of weight and hardware issues that can result in using heavier standard materials such as wood. Our panels weigh approximately 1/3 to 1/2 less than other products which gives our door cores the ability to go as big as you or your client dares to dream.

www.singcore.com

Do your oversize doors have these qualities?

**Eco-Friendly
High Insulation Value
Sound Deadening Properties
Dimensionally Stable
High-Strength
Lightweight**

They will when you use our patented honeycomb core panels.

Manufacturers from coast to coast have come to us for their oversize doors and moveable walls cores, because it is hard to create a large door that has all of the above characteristics. We believe all doors should be made with our product because it's affordable, energy efficient (leaves a relatively small carbon footprint), and it can last your customers a lifetime.

Our Sing honeycomb door cores have served many high end mill work companies nationwide.

Sing honeycomb core panels is the best material to replace mdf, plywood, concrete, metal, and plastic.

We specialize in oversize, lightweight, high strength door cores for all of your large doors, barn doors, big sliding doors, garage doors, exterior doors, interior doors, hanger doors, carriage doors, movable partition walls, factory doors, pole barn doors, aircraft hanger doors, garage doors, sliding doors, folding doors, room dividers, folding partition walls, accordion doors, movable walls, bi fold doors, exterior doors, sliding wall, office wall systems, office wall partitions, sliding partitions, and conference room dividers.

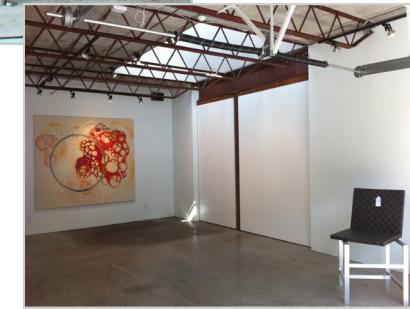
Contact us today to see how our door cores can be used in your next project:
call us at: **360-495-3577** or email us at: **info@singhome.com** for a quote or to request a sample of our product.

We offer discounts for bulk purchases

Sing Honeycomb Door Core Panels for Residential & Commercial Doors



Commercial



Residential

WHOLESALE/COMMERCIAL DISCOUNT GUIDE

1-10 Standard Panels Generally 5% off

4' x 8' (finished size = 47" x 95") with or without solid wood edging and your choice of skins front/back and standard lock block set at 36" from center

11-25 Standard Panels Generally 10% off

4' x 8' (finished size = 47" x 95") with or without solid wood edging and your choice of skins front/back and standard lock block set at 36" from center

26-50+ Standard Panels Generally 15% off

4' x 8' (finished size = 47" x 95") with or without solid wood edging and your choice of skins front/back and standard lock block set at 36" from center

Over 51 panels or scheduled ordering call or email for additional discounts

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