

Patented hemp based non-toxic wall panels that are mold, rot, pest, and fire resistant.

PITCH VIDEO INVESTOR PANEL



sativabuildingsystems.com Wittenberg WI    Infrastructure Technology Sustainability Engineering Construction

OVERVIEW UPDATES WHAT PEOPLE SAY **11** ASK A QUESTION **11**

Highlights

- 1 Hemp based construction product vastly improves home quality
- 2 Breathable, non-toxic, mold, rot, pest, and fire resistant
- 3 Carbon negative construction offsets 3 years of emissions
- 4 Building lot for show home has already been purchased
- 5 Consumer survey has overwhelmingly validated concept. 69% surveyed would purchase Z Panels
- 6 Contracts have been signed to secure 3 critical supply components
- 7 Relationships with 2 major engineering firms have been established to complete evaluation report
- 8 Hundreds of customer inquiries have been obtained with no paid advertising

Our Founder

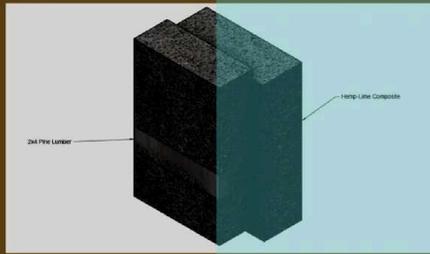


Zachary Popp Owner and Founder

MBA in Management and Strategy. More than 15 years of business leadership experience in multiple industries.

I came up with this idea because 10 years ago my daughter suffered from respiratory illness due to mold growth in our home. I wanted to develop a better home with better materials, and that is when I started researching hempcrete as a material. I also care about the positive environmental impact a bio-composite like the Z Panel can have.

The Journey of Sativa Building Systems



SATIVA BUILDING SYSTEMS



SUPERIOR AND SUSTAINABLE GREEN BUILDING SYSTEMS

Zach Popp- Founder

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THE PROBLEM



Traditional wall construction within homes and commercial buildings is susceptible to:

- Mold and moisture problems
- Fire
- Rot
- Decreased thermal efficiency because of air pockets
- Delayed construction due to requirement for multiple materials
- Poor ventilation because of no breathability

THE SOLUTION



The Z Panel

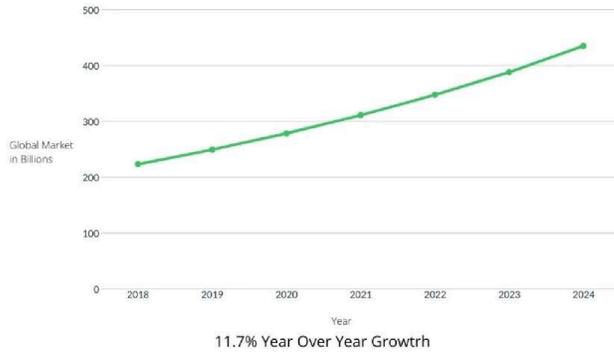
A hemp-based stackable block panel used to construct the walls of buildings. The Z Panel is:

- Made from non-toxic materials with no VOC's
- Breathable: It continuously filters the air within a building
- Vapor permeable: It absorbs and releases moisture to regulate indoor humidity
- Mold resistant
- Pest resistant
- Rot resistant
- Fire resistant
- 1/6 the weight of concrete
- Affordable: Costs comparable to traditional construction
- Strong: Hempcrete resists cracking and movement
- Easy to use and assemble
- Efficient: It reduces the materials needed to build a wall from 6 different materials to 3.
- Carbon negative: Hempcrete sequesters more carbon than it creates
- Highly insulative: Tested R Value of 16

See the Z Panels in action!



GREEN BUILDING MATERIALS MARKET



SOURCE: [HTTPS://WWW.RESEARCHANDMARKETS.COM/REPORTS/4775561/GREEN-BUILDING-MATERIALS-MARKET-GLOBAL-INDUSTRY](https://www.researchandmarkets.com/reports/4775561/green-building-materials-market-global-industry)

CONSUMER TRENDS



One of the most interesting trends is consumers' growing environmental conscience. More than a third of respondents (35%) would buy a product that's better for the environment over another that's slightly cheaper.

- 5% of consumers say their next car will be a hybrid/electric vehicle
- More than 50% of consumers oppose GMO foods
- 1 in 3 consumers prefer eco-friendly options

Building a hempcrete home offsets 3 years worth of personal carbon emissions

source: <https://www.surveymonkey.com/curiosity/more-consumers-are-opening-their-wallets-for-eco-friendly-products/>

BUSINESS GROWTH MODEL



Capture 0.1% of the \$540 Billion Per Year Residential Building Market by 2025
-Equivalent to Building 1100 Single Family Homes a Year



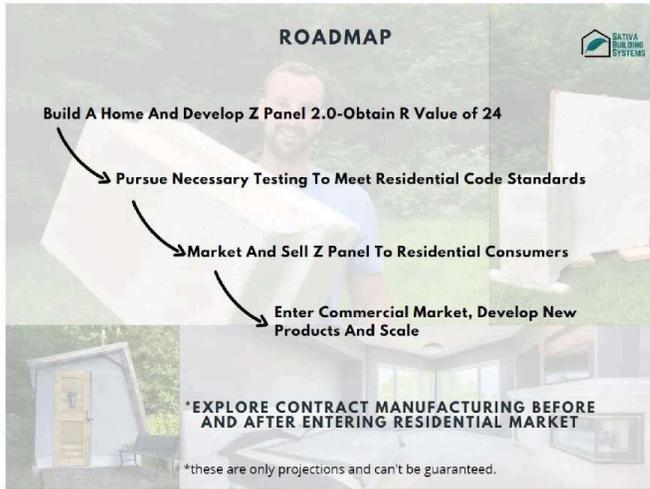
11.6 Million net profit based off projected 27.5% Net Margin

*these are only projections and can't be guaranteed.

COMPETITION



	Sativa Building Systems	Just Biofiber	IsoHemp	American Lime Technology	UK Hempcrete
Pre-formed Hemp Block/Panel	☑	☑	☑	☑	☑
Novel/Proprietary Design	☑	☑	☒	☒	☒
Affordable Materials	☑	☒	☒	☒	☒
Synergizes With Code Approved Load Bearing	☑	☒	☒	☒	☒
US Based Company	☑	☒	☒	☑	☒



I love telling the story of Sativa Building Systems. In fact, I dedicated a whole blog post to it, you can find that here:

<https://www.sativabuildingsystems.com/index.php/2019/11/03/failed-prototypes-and-pressing-on/>