

Agrocrete® Hollow Blocks

Preferred by builders, Loved by the environment.

Most people see a brand new building and think about what is, but when we see a new building we think about what could have been. That's because an enormous 45% of the world's carbon emissions stem from construction. It's a shame that realising our personal or professional dreams by giving our neighbourhoods another beautiful structure takes away from our planet, but does it really have to be that way?

That's why we created Agrocrete®: the proprietary, award-winning material behind the world's first carbon-negative load-bearing block. And the best part? Agrocrete® is an upcycled material made from crop residues that would otherwise be burned, making it carbon-negative. So, every building made with Agrocrete® reduces the carbon emissions from the built environment!

“ Agrocrete® is one of the first sustainable building material technologies, in India, that can actually replace fired clay brick as the building material for the masses. ”

Ar. Rijul Singh,
The Blue Khirki Studio

Enabling climate-positive lifestyles with carbon-negative construction.

Made with Agrocrete®, our lightweight and carbon-negative hollow blocks are the key to durable construction that can coexist with nature. That's because Agrocrete® Hollow Blocks aren't only carbon negative, they offer 3.5 times the thermal insulation at half the cost while being just as strong as traditional clay and fly-ash bricks and making AAC blocks a thing of the past.

It is for this reason that they don't cause any changes in construction procedures they can easily withstand hammering and resizing, have excellent bonding with plaster, and are mason-friendly.

Trusted by:



Climate impact in every square foot

When you build with Agrocrete®, you can breathe easy knowing that every square foot of your space is doing its bit to keep CO₂ out of the air. Here's a brief summary of the climate impact that a 1000 sqft space can cause, when built with Agrocrete®.

4 tons
of CO₂ captured

13.71 tons
of CO₂ prevented

Our value proposition

Agrocrete® hollow blocks are causing a paradigm shift in construction because they offer 3.5 times the thermal insulation at half the cost, while being just as strong as traditional clay and fly-ash bricks and making AAC blocks a thing of the past.

50%
Lower cost of Construction

350%
Higher Thermal Insulation

100%
Faster Masonry

Key Features

- No need for bond beams & holdfasts
- Chasing not needed for concealed service lines
- Withstands nailing with hammer
- Carries heavier anchorages
- Excellent bonding with plaster

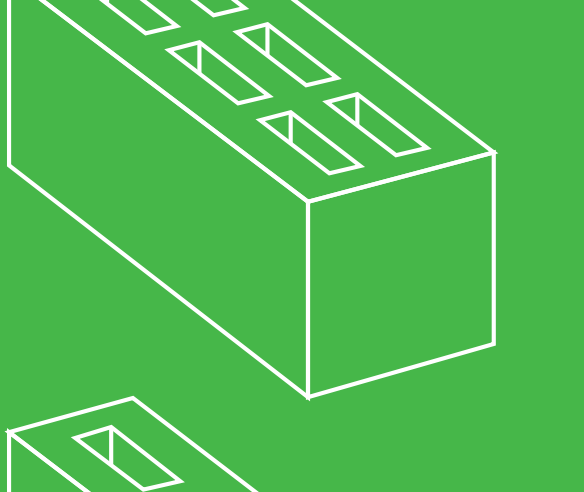
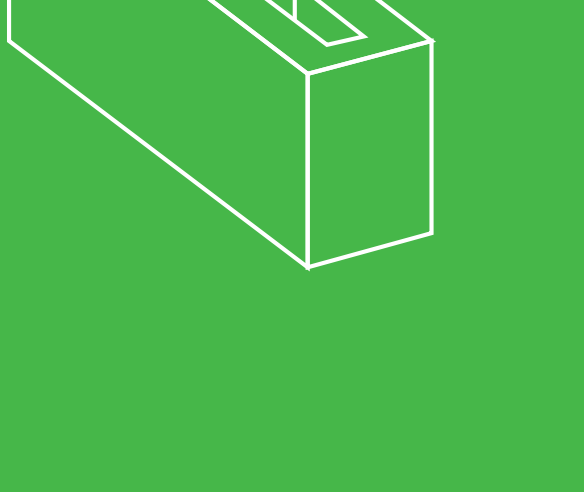

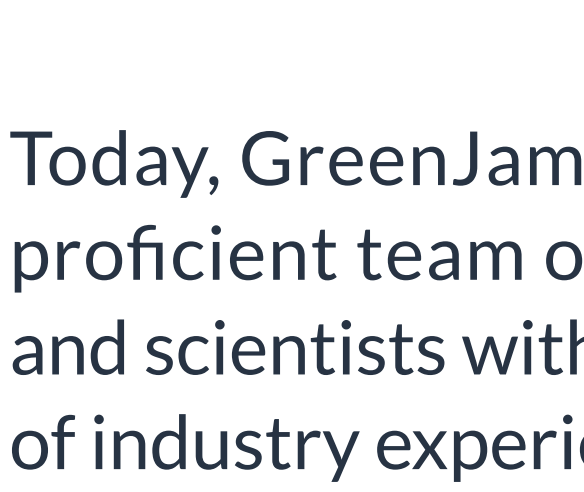
Evaluated By:



Technical Specification

Strength	Density	Water Absorption
≥5 MPa	800 kg/m ³	13 – 15%
U-Value	Durability	Embodied Carbon
≤1.2 W/m ² K	75+ years	-0.14 kgCO ₂ /kg

Available sizes

-  L: 400mm/ 16in
B: 225mm/ 9in
H: 150mm/ 6in
-  L: 400mm/ 16in
B: 200mm/ 8in
H: 150mm/ 6in
-  L: 400mm/ 16in
B: 150mm/ 6in
H: 150mm/ 6in
-  L: 400mm/ 16in
B: 100mm/ 4in
H: 150mm/ 6in

Agrocrete® hollow blocks are robust to begin with, but get even harder and stronger as time goes by. What this means is that it's suited for a wide range of applications.

-  Residential
-  Commercial
-  Industrial

Our Origins

Today, GreenJams is a technologically proficient team of industry veterans and scientists with a combined 5 decades of industry experience and is backed by Ministry of Agriculture and Farmers' Welfare, Ministry of Housing and Urban Affairs, Department of Science and Technology, Villgro, Habitat for Humanity, ICAR-NAARM and, Punjab Agricultural University. Our products are being used in spectacular buildings all over the country and consistently win global accolades. However, our beginnings were a lot simpler.

In 2017, when it came to light that a staggering 45% of global carbon emissions stem from the built environment, we found our calling. Our singular goal was to do all we could to create a building material that is robust enough to handle all the construction demands of the near future, and sustainable enough that climate impact would be fully curtailed. And with the creation of Agrocrete®, the course towards our goal was laid.

Supported by:



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