

Frequently Asked Questions



Install and generate solar in previously unacceptable places!

Who is SolaBlock?

SolaBlock is a small, growing, manufacturer of **solar-clad masonry**. We are located in Western Massachusetts. We formed in 2012 to address the need for **wall-mounted solar electric generation** in urban and remote locations where conventional solar modules are poorly suited.

What is solar-clad masonry?

Solar-clad masonry is a conventional concrete block and tile with **permanent-clad** solar photovoltaic elements. Our wall systems are offered as a complete suite of masonry units that can be used to build a building or any face structures.

Who are the principals of the company?

SolaBlock was founded by **Patrick Quinlan** (CEO) and **Jason Laverty** (COO)

What is unique about your solar products?

Our solar products are like no other solar products sold today. They are designed specifically to meet the needs of urban and remote buildings: they are longer-lasting, more weather resistant, theft proof, and vandal-resistant than other solar products.

What options are available?

Masonry blocks are offered in:

- 8 inch by 16 inch full size
- 8 inch by 8 inch half-blocks
- Exposed borders unfinished
- Colored Borders

We also offer different box covers such as brick, ceramic, marble, color tile, grey slate, blue slate, and custom pottery designs.

Who are your customers?

For block and tile systems, our direct customers are concrete block and tile manufacturers and distributors. Our end use customers are utilities, commercial building owners, and public building owners.

What other parts or services do you provide?

SolaBlock offers **classes** and **videos** on how to lay and wire our products. We offer parts and accessories for the blocks, **including spacers** and **protective covers**. In addition to these products we also offer repair parts as well as services.

How much do SolaBlock walls cost?

On an installed basis, SolaBlock veneer walls are expected to cost end-use customers about the **same as traditional brick construction**— about \$26 per square foot. Masonry costs are higher and labor costs are lower. Applying state and federal **solar investment tax credits** can further reduce these costs by up to one-third.

Are SolaBlocks as efficient as traditional PV Panels?

SolaBlocks produce **50—70%** as much energy as a traditional tilted PV array, however performance can be augmented to similar levels with placements of reflective stones in front of SolaBlocks. Also in some situations SolaBlocks can be installed on more surface area than traditional PV panels.

What is the estimated payback for a SolaBlock installation?

The estimated payback is between **6 - 8 years**, however you will reduce you will be able to significantly **reduce your electric bill** within your first billing cycle.

Can you install SolaBlocks on already existing infrastructures?

Solablock has also developed a **Solar Tile System** that is similar to the solar masonry systems and these tile systems can be installed on existing walls.

Are SolaBlock walls available for purchase?

SolaBlock is building its first building this Fall in Springfield, Massachusetts. We are soliciting sales for further demonstrates across the U.S now. In 2016, SolaBlock wall systems are expected to be available for general commercial sales. **Pre- orders** for commercial projects are available now.



For Further Information

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