

Exceed Solar partners with Greenstone to provide advanced, sustainable building envelopes

Advanced building envelopes the key to sustainable living spaces

EDMONTON, ALBERTA, CANADA, November 22, 2018 / EINPresswire.com/ -- EDMONTON, ALBERTA, November 22, 2018 - Exceed Solar is pleased to announce it has officially partnered with Brandon, Manitoba-based Greenstone Structural Solutions, a developer of sustainable building envelopes using state of the art technology.

Exceed Solar will be incorporating Greenstone Structural Solutions into its Sol Spaces, which are scalable living spaces that redefine sustainability and efficiency by incorporating best of breed building solutions and technology. Exceed's objective is to leverage sustainable building materials and smart technology to disrupt conventional housing by providing



High tech housing using sustainable materials and solar PV

scalable living spaces that are efficient from the outset.

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Greenstone Structural

Solutions

Greenstone Structural Solutions not only uses more efficient and sustainable building materials, but they also lend to the scalability of Exceed Solar's Sol Spaces, which can be scaled from approximately 300 square foot spaces to larger living accommodations.

"Our goal is to disrupt traditional housing by putting technology and sustainable building materials first," said Stanton Pawchuk, co-founder of Exceed Solar. "For

decades, housing has been dependant on traditional wood frame construction, which is no longer a sustainable option and does not result in efficient building envelopes or lend to scalability."

The Insulated Composite Envelope (ICE) panel developed by Greenstone is an engineered

combination of expanded polystyrene (EPS) and galvanized steel – two well-known and accepted building materials. Its performance far exceeds what each component could achieve on its own. This combination results in a much lighter and stronger building envelope. The ICE Panel has impressive transverse and compression bearing capacities. The unique manufacturing process and connection details eliminate thermal bridging, making it the most energy efficient building envelope available on the market.



Exceed Solar is currently building its first Sol Space prototypes which will be on display at Southgate Centre in Edmonton, Alberta in the spring of 2019. Sol Spaces are ideal for backyard garden suites that can serve as rental accommodations, office space, studios or recreational properties. They are designed with efficiency in mind and the energy use is offset by solar energy.

"Greenstone is the perfect partnership for Exceed Solar," explained Pawchuk. "Our objectives perfectly align as we strive toward more efficient building envelopes in an age where sustainability is becoming more and more critical."

ABOUT EXCEED SOLAR

Exceed Solar creates sustainable, scalable living spaces and community solutions by leveraging renewable energy and smart technologies. Branded under the name "Sol Spaces," Exceed's modern living spaces are the next generation of housing solutions, incorporating scalability, sustainability and renewable energy to become the most efficient living spaces available on the market.

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