



GREEN EAGLE

For Immediate Release

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Screen Tight Founder Launches Green Eagle Technology at IBS 2024

First-of-its-kind, up to 20x stronger extruded plastic profile reinforcement can be used in decking, siding, windows, doors, railings and more.

GEORGETOWN, S.C., February 26, 2024 – The creator of Screen Tight products is pleased to announce the introduction of Green Eagle, a polymer profile reinforced with a composite technology, at the 2024 International Builders' Show (booth C4248). Made in South Carolina, the patented technology makes plastic profiles up to 20 times stronger and can be used in any application that typically uses aluminum inserts to achieve the stiffness required by building codes.

A typical PVC extrusion used for building products is non-structural and needs a secondary part such as metal or wood inserted as a stiffener. Having worked with plastic extrusion his entire career, owner and founder Guerry Green began working in 2015 on an idea to strengthen plastic profiles without the weight of wood or the corrosive and conductivity issues with metals.

The result is Green Eagle-reinforced technology that combines waste stream fibers with revolutionary manufacturing techniques. The unique process is fully designed around the use of recycled materials, creating a composite strip of polymers and fibers (including carbon fiber, fiberglass and natural fibers) that is then inserted into a plastic profile during extrusion. Much like a steel L-beam in a building, the placement of the composite is calculated to provide the greatest performance benefit with the least amount of material.

"We believe that Green Eagle technology revolutionizes building products made with plastic profiles, and we're excited to announce it publicly for the first time at IBS 2024," said Guerry Green, owner and founder of Green Eagle.

The Green Eagle process is protected by more than 40 U.S. and international patents. Today, Screen Tight's new garage door screening system and screen wall porch framing and screening system, as well as Ocean Decks' new decking system, are reinforced by Green Eagle.

Stop by booth C4248 at this year's International Builders' Show to see the product firsthand, or visit greeneagleus.com.

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About Green Eagle

Made in Georgetown, South Carolina, by founder Guerry Green, Green Eagle Reinforced technology makes plastic profiles up to 20 times stronger and can be used in decking, siding, windows, doors, railings and more. Its sustainable manufacturing process converts materials like carbon fiber, fiberglass or natural to a high-value composite that can easily be inserted into plastic profiles during the extrusion process. To learn more, visit greeneagleus.com.