

## **IntegraSpec ICF: The Green and Sustainable Solution to New Construction**

At IntegraSpec ICF, we are proud to be at the forefront of the construction industry's efforts to promote sustainability, safety, and energy conservation. Our commitment from the very beginning to using only recycled plastics to manufacture plastic webs and inserts is making a significant contribution to reducing the environmental impact of the construction industry, especially the associated substantial waste to and in landfills.

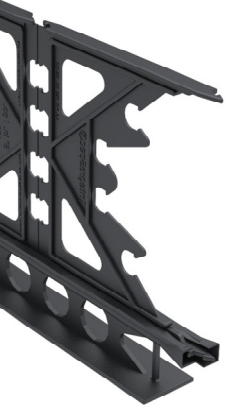
By choosing IntegraSpec ICF, builders and developers can enjoy a more durable and sustainable building structure while also contributing to a cleaner and greener planet.

Traditional construction methods, with their energy requirements and subsequent waste, have a significant impact on the environment, leading to global warming, pollution, and environmental degradation. Our innovative approach to using recycled plastics in the manufacturing of our webs and inserts not only reduces our carbon footprint but also eliminates plastic waste and costs in landfills. Plastic waste is a pressing global issue, with millions of tons of plastic waste being generated each year and a significant proportion of it ending up in waterways and landfills. Unfortunately, plastic waste takes centuries to decompose, posing a severe threat to the environment and wildlife. Our approach repurposes waste materials into valuable products.

Our strategy consists of using only recycled plastics to manufacture our plastic webs and inserts that are integral components of most of the Insulating Concrete Form (ICF) systems. ICFs are hollow foam blocks made of expanded polystyrene (EPS) that serve as the primary building blocks of our IntegraSpec ICF wall system. Our plastic webs and inserts are the structural components of the IntegraSpec formwork, engineered and designed to withstand the pressure of poured concrete and to provide a sturdy platform for the installation of other conventional interior and exterior finishing materials such as drywall, siding, and other exterior / interior finishing materials. Acrylic stucco can also be directly applied onto the IntegraSpec ICF walls.

Utilizing recycled plastics to produce the plastic webs and inserts for our ICF system offers a range of benefits. Firstly, it significantly reduces the carbon footprint of our manufacturing process. By using recycled plastic waste, we reduce the need to produce new plastic products, which requires a significant amount of energy and contributes to carbon dioxide emissions. By utilizing thousands of metric tons of recycled plastics annually, we at IntegraSpec are making a considerable contribution to reducing the overall amount of building waste and the environmental impact of the construction industry.

Furthermore, the use of recycled plastics in our manufacturing process helps to conserve natural resources and reduce the amount of waste that ends up in landfills or polluting the environment. By repurposing plastic waste into durable and sustainable building materials, we are helping to close the loop of the circular economy, transforming waste materials into valuable products, and reducing the need for virgin materials and landfill space.



# **Integra** **SPEC**®

ICF BUILDING SYSTEM

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By using recycled plastics to manufacture our products, we not only contribute to a sustainable and environmentally friendly approach, but it also makes economic sense. The reduced cost of manufacturing is passed on to our customers, making our IntegraSpec ICF system a more affordable and attractive option for builders and developers looking for a green and sustainable building solution. This can also help builders and developers meet sustainability standards and regulations, which are becoming increasingly important in today's market.

In conclusion, our commitment to using recycled plastics to manufacture essential components of our ICF system reflects our dedication to sustainability, safety, and energy conservation in the construction industry. By choosing IntegraSpec ICF, builders and developers can contribute to a cleaner and greener planet while enjoying the benefits of a durable and sustainable building structure with substantial heating and cooling cost savings.

