

DO YOUR BUILDING MATERIALS CONTRIBUTE TO THE OVERALL HEALTH OF THE BUILDING AND ENVIRONMENT?

SMARTci Systems and **GreenGirt composite metal hybrid (CMH)** sub-framing products utilize 25% post-consumer recycled content and can be reused and/or repurposed. Our products meet or exceed environmental building standards and regulations set forth by the Declare Label, the Living Building Challenge Red List Free and Environmental Product Declaration. Meeting or exceeding the criteria set forth by these standards and guidelines contributes to the overall health of buildings, the environment, and the entire population.

GreenGirt CMH sub-framing products are **Halogen/Bromine-Free**. Halogen/Bromine-based fire-retardants are considered organohalogens. These compounds are well known to have the potential to be toxic, persistent, bio-accumulative and/or leachable into the environment throughout their cradle-to-grave lifespan, from building to landfill. Furthermore, products containing Halogen/Bromine-based fire-retardants release highly toxic dioxins and furans into the environment when burning. Many Building Owners, Architects and Fire Inspectors, along with local, national, and international regulators have sharply restricted or eliminated the use of these harmful flame retardants.

Do your building materials meet these recycled content and environmental standards and guidelines listed below?

Environmental Healthy Building Checklist:

- Certified to be Halogen/Bromine-Free**
Utilizes an environmentally friendly fire-retardant system.
- The Living Building Challenge (LBC) Red List Free Certification**
The LBC Red List represents the “worst in class” materials, chemicals, and elements known to pose serious risk to human health and the greater ecosystem that are prevalent in the building products industry. Your building materials should not comprise of any materials listed on the LBC Red List.
- Declare Label**
The Declare Label is a product labeling program that relies on the LBC Red List as its primary basis for material evaluation. In creating a Declare Label for a product, a manufacturer must disclose all of the product’s intentionally added constituent chemicals to the designated 100 parts per million (ppm) reporting threshold. Additionally, the manufacturer must report the extent to which that product is compliant with the Red List. The three compliance levels are:
(1) LBC Red List Free, which means that the product is free of all red list ingredients; (2) LBC Compliant, which means that the product contains some chemicals that ILFI has designated as temporary Red List exceptions; or (3) Declared, which means that the product is not compliant with the Red List or its temporary exceptions.
- Environmental Product Declaration (EPD) Type III – Product Specific**
An Environmental Product Declaration (EPD) is an independently verified and registered document that communicates transparent and comparable information about the life-cycle environmental impact of products in a detailed, thorough, and credible methodology.
- Recycled Content**
The product contains 25% post-consumer recycled material and can be reused and/or repurposed.