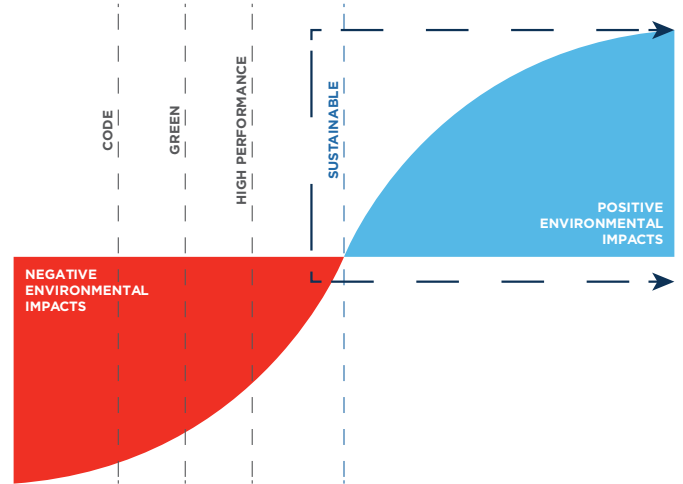
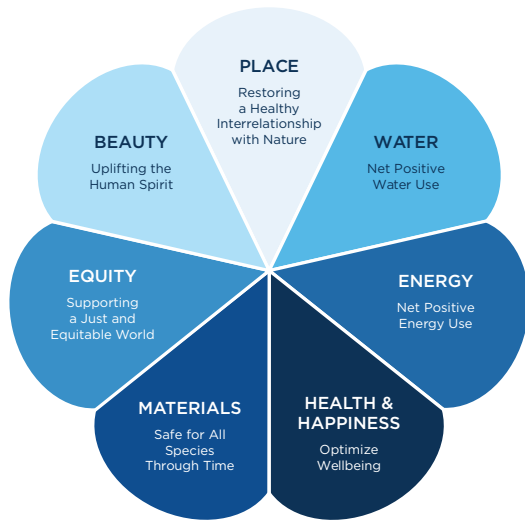


ACHIEVING THE LIVING BUILDING CHALLENGE STANDARD V3.1 & V4.0 WITH COMMUNICATIONS CABLE



What would the world look like if every single act of design and construction made it better?

Founded on the principle that regenerative design should be attainable to everyone, everywhere, the Living Building Challenge (LBC) standard was created to answer that question. And by focusing on the relationship between impact and effort, the LBC has become the world's most rigorous, proven performance standard for green buildings. People from around the world use this regenerative design framework to create spaces that, like a flower, give more than they take.



THE PETALS

The LBC consists of seven different performance categories – better known as “Petals” – Place, Water, Energy, Health + Happiness, Materials, Equity and Beauty.

Each Petal is subdivided into Imperatives, for a total of 20 Imperatives in the Challenge. The Imperatives can be applied to almost every conceivable building project – of any scale and in any location – be it a new building or an existing structure.

WHAT IS THE RED LIST?

The Red List is a compilation of the 800+ individual Chemical Abstract Numbers that the International Living Future Institute (ILFI) has deemed as the “worst-in-class” chemicals prevalent in the building industry. These commonly used chemicals included on the Red List are polluting the environment, bioaccumulating up the value chain until they reach toxic concentrations and harming construction and factory workers. **As a requirement for achieving the Materials Petal of the LBC 3.1 standard, all sourced products must be Red List Free. For LBC 4.0 projects, 90% by cost or above of the products must be Red List Free.**

Declare.

CAT 6A U/FTP (STP) with FEP Jacket Superior Essex

Final Assembly: Hoisington, Kansas, USA
Life Expectancy: 30 Years
End of Life Options: Take Back Program, Salvageable/Reusable in its Entirety, Recyclable (100%)

Ingredients:

Copper; FEP: Fluorinated Ethylene Propylene; FEP Jacket: Fluorinated Ethylene Propylene; Aluminum Shield: Aluminum, Silicon, Magnesium, Manganese, Nickel, Copper, Iron; Tinned Copper: Copper, Tin; Color Chip: Fluorinated Ethylene Propylene, Cobalt Blue, C.I. Pigment Brown 33, C.I. Pigment Green 50, Bismuth Vanadium Oxide

Living Building Challenge Criteria:

SPX-1002	Exp: 01 MAY 2020
VOC Content: N/A	VOC Emissions: N/A
Declaration Status	<input checked="" type="checkbox"/> LBC Red List Free <input type="checkbox"/> LBC Compliant <input type="checkbox"/> Declared

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
 INTERNATIONAL LIVING FUTURE INSTITUTE™ declareproducts.com

CABLING COUNTS FOR YOUR LBC V3.1 AND V4.0 PROJECTS

Sustainable cable from Superior Essex can support you, your team and your projects in earning credits toward achieving LBC certification and/or attaining your projects' sustainable purchasing needs. Our products' Declare and Living Product Challenge certifications meet the following imperatives:

LBC 3.1



MATERIALS PETAL

Imperative 10: Red List
Imperative 12: Responsible Industry
Imperative 13: Living Economy Sourcing
Imperative 14: Net Positive Waste

LBC 4.0



MATERIALS PETAL

Imperative 12: Responsible Materials
Imperative 13: Red List
Imperative 14: Responsible Sourcing
Imperative 15: Living Economy Sourcing
Imperative 16: Net Positive Waste

OUR RED LIST FREE PRODUCTS

To help your project meet the stringent requirements of LBC certification, we proudly offer the following families of products, each available in both Plenum and Riser design options:

- CAT 6+ LSHF CMR – Living Product Challenge Certification
- PowerWise® LSHF CMR – Red List Free Letter
- 10 Gain XP 6A LSHF CMR – Red List Free Letter
- CAT 5e with FEP Jacket – Red List Free Declare Label
- CAT 6 with FEP Jacket – Red List Free Declare Label
- CAT 6A with FEP Jacket – Red List Free Declare Label

THE **FIRST AND ONLY**
RED LIST FREE
COMMUNICATIONS
CABLES

As a company, we recognize the value that sustainability brings to the customers, industries and communities we serve, and we remain dedicated to continuing our sustainable efforts and product offerings. We also operate with the understanding that **the products that interconnect the world must also respect it.**



**LIVING
PRODUCT
CHALLENGE™**



Declare.