



# SUSTAINABLE BY DESIGN: THE CABLE THAT CREATES A HEALTHIER BUILT ENVIRONMENT

Superior Essex is the FIRST communications cable manufacturer with products that contribute to all three major green-building standards in North America. As a company, we remain dedicated to these efforts because we recognize the value that sustainability brings to the customers, industries and communities we serve. We also operate with the understanding that **the products that interconnect the world must also respect it.**



**Cabling counts toward green-building certification for your projects!** Whether you are seeking certification under LEED, WELL or Living Building Challenge – or you are striving to meet a company’s sustainable purchasing goals – we have products to support every aspect of sustainability. See how our sustainable products specifically support the requirements for these three green-building rating systems below.

## IF ALL ELSE IS EQUAL, WHY NOT CHOOSE SUSTAINABLE?

Ask your sales representative: #whatsbehindyourwalls

### WHAT IS LEED?

LEED (Leadership in Energy and Environmental Design) is the most widely used green-building rating system in the world. Available for projects from new construction to interior fit-outs and operation and maintenance, LEED provides a framework that project teams can apply to create healthy, highly efficient and cost-saving green buildings. LEED certification is a globally recognized symbol of sustainability achievement for a building.



#### MR CREDIT EPD OPTION 1 & OPTION 2

- Our 55+ families of Premises Copper and Optical Fiber products featuring **Type-III, external, third-party verified EPDs** contribute as 1 Product (LEED v4) and/or 1.5 Products (LEED v4.1) each to the EPD Option 1 Credit calculation.
- We now have LEED v4.1 Compliant Action Plans for 35+ Premises Copper product families. Contributes as ½ product each to EPD Option 2 Credit calculation.



#### MR CREDIT MATERIAL INGREDIENT REPORTING OPTION 1

- Our 55+ families of Premises Copper and Optical Fiber products featuring **Health Product Declarations** contribute as 1 Product (LEED v4 and v4.1) each to this credit calculation.
- Our suite of Red List Free products (Cat 6 with FEP Jacket, Cat 6a with FEP jacket, Cat 5e with FEP jacket and Cat 6+ LSHF) feature **Declare and Living Product Challenge labels** and contribute as 1 Product (LEED v4 and v4.1) each to this credit calculation.

## WHAT IS WELL?

The WELL Building Standard is the leading tool for advancing health and wellbeing in buildings globally. This is the first standard of its kind that focuses solely on the health and wellness of building occupants by marrying best practices in design and construction with evidence-based health and wellness interventions. WELL Certified™ buildings foster built environments that help to improve the nutrition, fitness, mood, sleep, comfort and performance of their occupants.



### WELL 1.0



#### AIR

Feature 25: Toxic Materials Reduction  
Feature 26: Enhanced Material Safety



#### LIGHT

Feature 53: Visual Lighting Design  
Feature 54: Circadian Lighting Design  
Feature 55: Electric Glare Control  
Feature 58: Color Quality Index



#### MIND

Feature 97: Material Transparency

### WELL 2.0



#### LIGHT

L02: Visual Lighting Design  
L03: Circadian Lighting Design  
L04: Glare Control  
L05: Electric Light Quality



#### MATERIALS

X08: Hazardous Materials Reduction  
X13: Enhanced Materials Precaution  
X14: Materials Transparency



LIVING  
PRODUCT  
CHALLENGE

Declare.

## WHAT IS THE LIVING BUILDING CHALLENGE?

The Living Building Challenge standard focuses on the relationship between impact and effort. Regenerative design should be attainable to everyone, everywhere. The Living Building Challenge is 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.



LIVING  
BUILDING  
CHALLENGE

### 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

## SUSTAINABLE & INTELLIGENT



LIVING  
PRODUCT  
CHALLENGE



Recent advances in communications technologies and the rapid growth of the Internet of Things (IoT) have allowed end-users to rethink the way they control, light and live in their environments. When building systems, services and devices are interconnected over local IP networks, any building space can be optimized to increase energy efficiency. This type of digital transformation aligns perfectly with the missions of the LEED, WELL and Living Building Challenge standards to enable efficient, regenerative, resilient design that supports occupant health and wellbeing.