



ACHIEVING THE LEED V4 AND V4.1 STANDARD WITH COMMUNICATIONS CABLE

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 & 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, and sustainable communications cable from Superior Essex can help your project earn this certification.

IF ALL ELSE IS EQUAL, WHY NOT CHOOSE SUSTAINABLE?

Superior Essex cable products span every inch of the modern building to interconnect people, building systems and devices. And if price, quality, etc. are all approximately the same, then wouldn't you want the most sustainable products in your building?

Superior Essex is the first communications cable manufacturer to contribute to LEED v4 and v4.1 certification. In fact, we offer more than 55 families of premises copper and optical fiber products that feature:

- **Environmental Product Declarations (EPDs):** Type III, externally third-party verified by Underwriters Laboratories (UL)
- **Health Product Declarations (HPDs):** Conform to the Health Product Declaration Collaborative's v2.1 Standard

We are also the first and only Red List Free communications cable manufacturer. We offer more than 6 families of premises copper products featuring Declare and Living Product Challenge Labels, proving the elimination of 800 of the world's worst chemistries from our products.

Plus, we are the only communications cable manufacturer to focus on embodied carbon reduction. In 2019, we joined the Materials Carbon Action Network to support education and action surrounding **lower embodied carbon products** which are now modeled in the EC3 tool.



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 (HPDs)**.
- 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**.
- Contribute as 1 Product (LEED v4 and v4.1) each to this credit calculation.

WHY SUSTAINABLE BUILDINGS?

Sustainable intelligent buildings benefit the environment while simultaneously improving the well-being of their occupants. Specifically, green buildings are associated with:

 Increased productivity and worker satisfaction

 Increased rental rates and lower operating costs

 Reduced rates of asthma, allergies and other ailments

 Improved energy efficiency and lower greenhouse gas emissions

The global green building market is estimated to reach **\$980 billion** by 2023

Looking for sustainable products?
Find ours in the MindfulMaterials Database: www.mindfulmaterials.com



SUSTAINABLE & INTELLIGENT: ENABLING DIGITAL TRANSFORMATION TO CREATE ENERGY EFFICIENT AND RESILIENT BUILDINGS

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 through controls and sensors compared to a traditional AC-powered system. This type of digital transformation is perfectly in line with the LEED v4 and v4.1 Building Standard's mission to enable efficiency and resiliency in the built environment portfolio.

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.**

