

## Crypton® Green

Carnegie Fabrics' Crypton Green offerings are an assorted group of patterns that represent great designs that are great for the environment.

Our Crypton Green fabrics are made from 100% Eco-Intelligent Polyester, and Post Consumer and Post Industrial Polyester. Our innovative Crypton Green fabrics are the most environmentally intelligent performance fabrics available on the market. The chemistry of Crypton Green allows for the manufacturing of upholstery fabric with superior performance using a patented process that offers the reduction or elimination of formaldehyde, PFOAs, and halogenated flame retardants, including PBDEs. The key highlights of Crypton Green are:

### **INNOVATION**

Crypton Green is the first high-performance fabric system to receive a Silver Cradle-to-Cradle™ certification as well as the SCS Gold Indoor Advantage™ certification.

### **SUSTAINABILITY AND HIGH PERFORMANCE**

Crypton Super Fabrics offer superior durability, cleanability, odor resistance, and liquid impermeability. By extending the useful life of furniture, Crypton Green products contribute to the effective use of resources.

### **MATERIAL AND FORMULA OPTIMIZATION**

Crypton Green is the product of rigorous scientific research and development. Chemical and raw material improvements have reduced and/or eliminated the presence of formaldehyde, PFOAs, and PBDEs.

### **INDOOR AIR QUALITY — LOW-EMITTING PRODUCT**

Chemical formulations have been optimized and the product has been thoroughly tested for emissions of VOCs (volatile organic compounds), including formaldehyde and aldehydes. In extensive testing with SCS, Crypton Green complies to the "Collaborative for High Performance Schools," Section 1350, a standard that specifies maximum thresholds for 80 organic compounds with possible indoor sources. Our product received a SCS Gold Indoor Advantage™ certification.

# Carnegie

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## **MATERIAL HEALTH AND SAFETY**

Crypton Green was assessed by MBDC for human and environmental health. The product was the first high-performance fabric construction to be awarded a Silver Cradle-to-Cradle™ certification. MBDC's benchmarking process involves the (re)design of products and the selection of materials for healthy, cradle-to-cradle lifecycles.

## **EXCEEDS INDUSTRY STANDARDS**

Crypton Green can contribute to points for Leadership in Energy and Environmental Design (LEED) and the Green Guide for Health Care. Areas of contribution to LEED-CI (Commercial Interiors) points include Resource Reuse, Recycled Content or Rapidly Renewable Materials, and Low-Emitting Materials.