

The background of the slide is a photograph of a dense evergreen forest. A thick layer of white mist or fog hangs between the trees, creating a soft, ethereal atmosphere. The trees are dark green and appear to be conifers. On the left side of the image, there are two vertical blue bars of different heights. A large, solid blue rectangle is positioned in the upper right quadrant, serving as a background for the company logo.

TUNTEX™

**TUNTEX
CONTRIBUTION
TO LEED V4**

WHAT IS LEED V4

LEED, or Leadership in Energy and Environmental Design, is an instant recognition for green buildings and a globally-recognized symbol of sustainability achievement. This means the buildings are designed, constructed, and operated in ways that maximise occupants' health and wellbeing; they also use fewer resources, reduce waste and negative environmental impacts.

LEED v4 is the latest updated version of LEED certification that offers a framework to create healthy, highly efficient, and cost-saving green buildings.

There are different types of LEED for different types of buildings and projects, including certifications for Building Operations and Maintenance, Homes Design and Construction, Interior Design and Construction, and so on. For projects pursuing LEED certification, they earn points across various categories including water efficiency, energy & atmosphere, materials & resources, and so on. A project then earns one of the four LEED rating levels:



**LEED
CERTIFIED**

40 - 49
PUNTOS



**LEED
SILVER**

50-59
PUNTOS



**LEED
GOLD**

60-79
PUNTOS



**LEED
PLATINUM**

80+ PUNTOS

We spend nearly 90% of our time indoors. This is the driving force for our goal to create comfortable and pleasant indoor environments. Tuntex is constantly researching and advancing its methods and materials to stay up-to-date on building environment trends, fostering the highest standard in terms of quality and health safety. It is well-recognised by its accredited products per LEED standards.



Credit Category	Tuntex Contribution	Potential Points
Material and Resource Building Life-Cycle Impact Reduction	Option 3: Tuntex recyclable carpets are installed with installation stickers that can be removed easily and re-used.	Up to 4pt
Material and Resource Building Product Disclosure and Optimization – Environmental Product Declarations	Option 1: Tuntex holds an Environmental Product Declaration (EPD) on all carpets it carries.	1pt
Material and Resource Building Product Disclosure and Optimization – Sourcing of Raw Materials	Option 1: Tuntex provides sustainability reports, which include raw material supplier information as well as its commitment to environmental responsibilities. Option 2: Tuntex Products from E-concept Collections and ROA.R Collections have recycled content with third-party verification from GreenCircle.	2pt
Material and Resource Building Product Disclosure and Optimization – Material Ingredients	Option 1: Tuntex holds a third party verified Health Product Declaration (v. HPD) for all the products.	1pt
Indoor Environmental Quality Low Emitting Materials	Option1 or Option 2: Tuntex holds a Green Label Plus Certification from CRI, which is recognised by USGBC regarding low-emitting materials.	Up to 3pt
Innovation in Design	Tuntex's exclusive treatment, Ecofresh, helps to reduce the odour in indoor environments and optimises indoor air quality. The advanced technology embedded in Tuntex carpets is an innovative way to improve human comfort and wellbeing.	Possible 1pt

What

- Tuntex conserves resources and reduces its carbon footprints by producing Recycled Tuntex Commercial Durabacks for the carpet backings and recycled face yarn on the carpet, Circular nexlon™.

Why

- Sustainability has always been one of Tuntex's goals ever since it was founded in 1968. As Tuntex strives to reduce carbon footprints, conserve resources, and minimise pollution to the environment, it has developed several products with leading technology that helps pursue sustainability. Tuntex not only wants to provide high-quality products and services to its customers, but it also aims to contribute to a better environment for everyone.

How

- All Tuntex carpets are backed with either recyclable backings or recycled backings (meaning it's already made from recycled content). Tuntex's ROA.R and E-Concept Collections are made with Recycled Tuntex Commercial Durabacks, which are made from pre- and post-consumed waste. These wastes include production waste that were created during the carpet manufacturing process and recycled old carpets that our customers ship back to us. By producing Recycled Tuntex Commercial Duraback, Tuntex is able to reduce pollution, eliminate waste, and conserve resources by re-using materials in carpet production processes. Tuntex's Classic Collection, on the other hand, is backed with recyclable backings, making this collection entirely sustainable and eco-friendly.
- All of Tuntex's products are made with in-house premium yarn, nexlon™, which contributes to minimising carbon footprint. In addition, Tuntex also re-uses materials to produce in-house recycled yarn, achieving 100% closed-loop recycle of raw materials. The entire recycled yarn can be re-used to create Tuntex's Circular nexlon™, minimising the loss of energy and pollution to the environment. Due to these sustainability efforts, Tuntex has repeatedly received environmental honours and awards, including China's first green label certification issued by US CRI, and Tuntex is the first carpet manufacturer in Asia to receive GreenCircle third-party certification as well as the third-party verified HPD certification (Health Product Declaration).



STAINSHIELD™

With Stainshield, Tuntex carpets are protected against spots and stains. If they do occur, the treatment makes carpets easier to clean and maintain.



SOILGUARD™

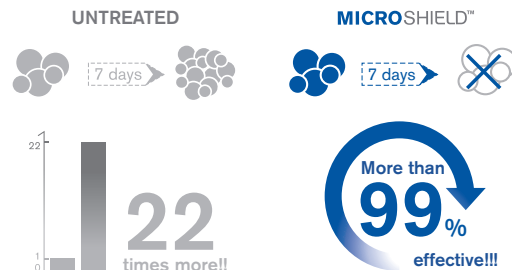
Soil Guard treatment helps prevent soil and dirt from sticking to the fiber, which makes Tuntex products easier to vacuum and maintain.



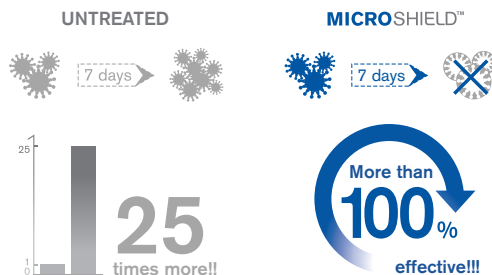
MICROSHIELD™

Microshield Treatment is built into our carpet tiles, providing an anti-microbial function and resisting the growth of micro-organisms and mildew.

***Staphylococcus aureus AATCC 100 Textile Tests**



***Aspergillus Niger AATCC 30 Textile Tests**



Tuntex Exclusive:

ECOFRESH™



Odour Reducer

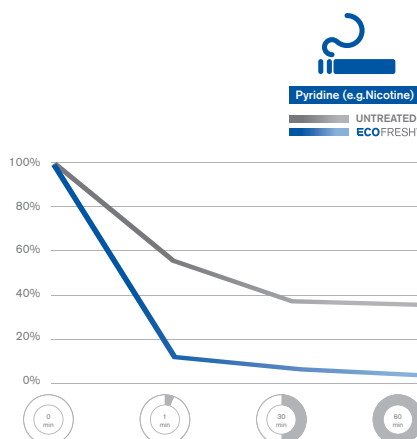


Safety



Durability

We aim for not just sustainable carpet tiles, but we also pride ourselves on providing our customers a comfortable indoor environment that will last for years. With Ecofresh, a self-renewal odour reducer, our carpets help maintain fresh indoor air quality. Tuntex products have the ability to neutralise different types of odours such as smoke/nicotine, food smell, and so on. With proper airflow conditions in the room, Ecofresh can effectively reduce smell within 15 minutes to 25 minutes, depending on how spacious the space is.



Tuntex's products are verified by UL to cause less negative impacts on the environment. Obtaining EPD with a third-party certification allows contribution of 1 point in LEED Material and Resource Building Product Disclosure and Optimisation-Environmental Product Declaration.

- **Environmental Product Declaration (EPD) Certified by UL**



- **Health Product Declaration (v. HPD) Third Party verified by US GreenCircle Certified**



THIRD PARTY RECOGNITION

TUNTEX™

Tuntex is one of the very first manufacturers in the carpet industry to receive GreenCircle Certification on the Renaissance of Art Collection, containing at least 18% of recycled content. This helps obtain at least 2 points in LEED Material and Resources Building Product Disclosure and Optimization -- Sourcing of Raw Materials.

- **Recycled Content Certification by US GreenCircle Certified – Renaissance of Art**



THIRD PARTY RECOGNITION

TUNTEX™

Tuntex is one of the very first manufacturers in the carpet industry to receive GreenCircle Certification on the E-Concept Collection, containing at least 25% of recycled content. This helps obtain at least 2 points in LEED Material and Resources Building Product Disclosure and Optimization -- Sourcing of Raw Materials.

- **Recycled Content Certification by US GreenCircle Certified – E-Concept**



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