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**Next Generation Carpet Fiber** 





In keeping with our commitment to Believe in Better, Mohawk Group introduces Duracolor<sup>®</sup> Tricor.

Delivering unsurpassed stain resistance, colorfastness, durability, color clarity and enhanced soil performance, Duracolor Tricor builds upon the trusted Duracolor promise with over 175 million yards installed since 1992.



## SOIL CONTROL

Our advanced Duracolor Tricor fiber optimizes soil hiding, soil removal and color clarity through its unique modified-delta shape and triangular hollow core. The result is carpet with brilliant color that retains its beauty between cleanings and requires less maintenance over time, saving facilities time and money.

## SOIL CONTROL THE SCIENCE



#### **Common Nylon**

Most nylon fibers have a solid core, which magnifies the appearance of soil between cleanings. And fibers with the trilobal shape also create deep crevices that obscure color clarity and trap dirt.



#### **Duracolor Tricor**

The toughest balancing act for carpet fiber engineers is to develop a fiber that hides dirt between cleanings without sacrificing clarity of color. The unique shape and placement of the hollow core scatters light for optimal soil hiding between cleanings, while enhancing color clarity.



Tricor's unique design provides advanced performance for beautiful carpet that is easy to maintain. Compared to common nylon fibers, Tricor's modified delta shape results in 1/3 less surface area where dirt could attach, so less time is spent on maintenance. What's more, the smooth contours of the Tricor fiber readily release dirt for a more complete clean.



## STAIN RESISTANCE

To combat carpet staining—often regarded as the biggest challenge in maintaining commercial spaces—Duracolor Tricor utilizes the patented Duracolor process for permanent built-in stain resistance that won't wash or wear off. Up to 96% of the most common stain-causing substances can be easily cleaned with just water, saving facilities time and money. Duracolor Tricor's stain resistance also translates to less frequent replacement, for additional lifecycle savings.

## STAIN RESISTANCE THE SCIENCE



#### **Common Nylon**

The most common stains are caused by acid-based substances that carry a negative charge. Since most fibers are positively charged, the negatively charged acid-based substances are attracted to the opposite charge of the fibers and bond, creating a stain.



#### **Duracolor Tricor**

Duracolor Tricor fiber utilizes negatively charged polymers. The negative charge of the polymer ensures that the fiber, through its inherent characteristics, will repel negatively charged substances. The fiber never allows the common stain makers to bond, so the carpet resists the stain.



## DURABILITY

Duracolor Tricor's fiber shape and hollow core deliver an innovative carpet that resists crushing for enhanced durability and longer lifecycles. In order to improve an already strong fiber, our engineers looked to load bearing structures such as bridges and trusses and discovered the power of the triangle, a shape that delivers ultimate load bearing performance. The innovative modified delta shape of each individual Duracolor Tricor fiber provides tremendous strength for enhanced durability.

## **DURABILITY** THE SCIENCE



#### **Common Nylon**

The non-load bearing trilobal shape of more ordinary nylon carpet fibers results in three long, skinny legs that easily mat and crush under normal foot traffic. This results in carpet that wears sooner and makes for shorter lifecycles.



#### **Duracolor Tricor**

Improving the industry's leading nylon was no small task. The modified delta shape of our Duracolor Tricor fiber, paired with the offset triangular hollow core, resists crushing and improves performance. This innovation helps to produce commercial carpet with greater durability and longer lifecycles.

# SUSTAINABILITY

At Mohawk Group, we feel a profound sense of responsibility to minimize our ecological footprint, and we developed Duracolor Tricor with this responsibility in mind. It's part of our commitment to Believe in Better, helping advance our mission to build a more sustainable future.



# TRUSTED PERFORMANCE

Duracolor fiber has set the standard of high-performance commercial carpet since 1992. With enhanced soil hiding and removal capabilities, Duracolor Tricor builds upon a fiber already trusted to perform in demanding environments. When compared head to head to competitive nylon products, Duracolor Tricor delivers trusted performance.

