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# WHITE PAPER

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## **DURATECH® SOIL RESISTANT TREATMENT**

DuraTech® is a patented fluorochemical treatment that is applied only to carpet of Antron® nylon during the carpet manufacturing process. The high temperature to which the carpet is exposed during the final manufacturing stage helps DuraTech® to adhere to Antron® fiber.

DuraTech® is a soil resistant treatment that works by lowering the surface energy of the fibers, thus increasing soil release properties. Only DuraTech® is durable enough to withstand the heavy traffic and cleaning to which commercial carpet is subjected.

Soil resistance can be proven by measuring the amount of dirt (actually iron) found in the carpet. In a test for soil accumulation, after 500,000 foot traffics, Antron® Legacy nylon with DuraTech® retained only slightly over 150 parts per million (ppm) of iron. The competitive nylon fiber with a well-known fluorochemical treatment retained over 250 ppm of iron. Testing has also shown that DuraTech® is effective much longer than competitive topical treatments. Competitive fluorochemical treatments are not designed to stand up to heavy commercial traffic. They tend to wash off after the first hot water extraction cleaning and wear off very quickly under foot traffic.

DuraTech® can also lower maintenance costs. Testing at a busy New York school has shown that the cost of hot water extraction cleaning can be reduced by 30% to 50% over carpet not treated with DuraTech®. It is important to note that DuraTech® is available only on carpet of Antron®. In combination with the superior polymer and fiber engineering of Antron® nylon, DuraTech® contributes to the long-term appearance retention of the carpet. DuraTech® is an integral part of the entire Antron® fiber system.

For more information, call 1-877-5-ANTRON (1-877-526-8766) or visit [antron.invista.com](http://antron.invista.com).



Environmentally Preferable Products (EPP) are certified by Scientific Certification Systems (SCS) as having a lesser or reduced effect on health and the environment when compared with competing products that serve the same purpose. Antron® carpet face fiber is certified as an EPP. Antron® and DuraTech® are registered trademarks of INVISTA.

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K01548 06/2005