enviratile
sustainable carpet tiles

Treading softly on the environment with Sunylon®

Today, going " Green " is not just a buzzword at Enviratile or simply a trend. It's a commitment to improving every aspect of the products we represent.

As technology advances, Enviratile and its partners look for improved methods to minimise the impact on our environment and planet Earth. Significant improvements such as using recycled materials in the manufacturing process have been making contributions.

Past environmental protection efforts focused on recycling and reducing waste such as PET bottle recycling used in the Green Back™ cushion backing system.

That effort continues but the backing systems are only one component of the carpet tiles. The carpet yarn is the other major component.

Green Mark EPA of Taiwan

Enviratile's nylon carpets are exclusively produced from Sunylon® yarns developed by the Formosa Chemical & Fibre Corporation of Formosa Plastics Group. This revolutionary Nylon Recycling System using highly advanced technology extracts water from recycled polymer, and through depolymerisation, produces Caprolactum (CPL) from manufacturing waste such as waste yarn, waste chips and post-consumer waste. The extracted water and CPL are then recycled for use as raw materials.

Sunylon® Nylon Fibre is 100% made from recycled nylon chips which are produced from recycled CPL. This results in an annual saving of 210,600 tonnes of fresh CPL, reduction of waste water and energy, thus reducing carbon dioxide (CO_2) emissions by more than 14.9%. Reduction of 21,499 tonnes of CO_2/year is equivalent to planting 46,233 trees in 40 years.

Sunylon® Nylon Fibre is a product that helps reduce our carbon footprint. In June 1999, Formosa became the first manufacturer in Taiwan to receive the Green Mark certification by Taiwan's Environmental Protection Administration (EPA). Following that, Formosa received international certification from Oeko-Tex100.

Enviratile is proud to have exclusive access in Australia to products made from this outstanding environmentally friendly material.

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