



REZTEC AND REZTEC CHUNKS RUBBER FLOORING ENVIRONMENTAL BENEFITS

TECHNICAL SUPPORT 800.345.6202

Reztec flooring has been formulated to be durable, easy to maintain and comfortable. Additionally, Expanko uses a significant amount of recycled post consumer and postindustrial waste in Reztec. Installation and maintenance products have also been selected for their environmental effects not only during use but also to ensure the longevity of the installation.

Product Life: Reztec has been formulated in order to have an extremely high level of tensile strength and abrasion resistance. Because of these highly durable components, Reztec can be expected to last in excess of 20 years in a commercial setting if properly maintained. Therefore, significantly less floor covering material is used over time, and energy to remove and replace flooring as well as production and transportation energy is reduced with Reztec. After Reztec has passed its useful life, it is recyclable.

Raw Materials: Reztec is made with varying amounts of recycled rubber and virgin rubber granules. The virgin rubber in Reztec is used to add color to the product as recycled black rubber cannot be colored. This virgin rubber also contributes to the long-term durability of the product, as it tends to have better wear characteristics than the recycled tire rubber. By combining these two types of rubber, Expanko has created a product with excellent performance characteristics while helping to consume waste developed from tires. Due to the randomness of the rubber mixture, shade variations in Reztec can occur. A urethane binder is used to hold the rubber granules together and this binder may cause light colors to yellow or darken in sunlight.

Production: Production of Reztec has been designed both to conserve energy and limit waste. All trimmings and rejected materials are recycled back into the product. Reztec is heated in cylindrical molds (logs) and the thickness of Reztec is cut or "peeled" from this cylinder. The cutting process can be interrupted by impurities in the recycled rubber (stones and metal from the recycled tires) causing nicks in the cutting blade. These nicks can create knife marks on the surface of the Reztec. These are not considered a defect since they are inherent in the process. These marks tend to show more in colors with a high percentage of black.

Maintenance Procedures: Expanko recommends the use of *Johnson's* line of water based maintenance products to ensure the beauty of Reztec as well as the safety of the surrounding environment. A urethane-binding agent is used to hold the rubber granules together in Reztec and this urethane binder is subject to fading and yellowing in sunlight.

Like all Expanko products, Reztec has been created to meet our high standards of quality and functionality. It has also been designed with the environment in mind - both indoors and out. Reztec will provide users with a long lasting, beautiful floor and a safe interior environment.

For more information about Expanko visit our website at www.expanko.com.