



GRANDENTRANCE

RE-TIRE RECYCLED RUBBER ROLLS AND TILES GENERAL INFORMATION

Re-tire is created by randomly mixing rubber compounds. The “re” in Re-tire is the recycled content of both post-consumer and post-industrial waste used in various proportions in the Re-tire color lines. The “tire” is SBR synthetic rubber made from old tire scrap. This post-consumer waste is ground up and cleaned to remove stones, dirt and metal from the used tires. SBR is mixed with EPDM, which is a synthetic organic elastomer. When cured, EPDM has qualities either equal to or better than natural virgin rubber. This EPDM “post-industrial” waste is processed and cleaned to assure high quality flooring products.

While Re-tire makes good use of waste, the manufacturing process of randomly mixing colors makes for uniquely colored flooring. Re-tire is made in large molds which are heated. Re-tire comes out of these molds as giant “logs” which are “peeled” like an orange, into thicknesses from 4mm to 9 mm. Skive/knife marks from this “peeling” process are an inherent quality of recycled rubber since the blades of the knives go in a circular motion.

The original applications of this “recycled rubber” construction, as the category is called, was for weight rooms, hockey rinks and other sports oriented facilities provided in colors with 80% or more black (Shades of Black collection). Since the construction of Re-Tire is made with granules of rubber, the surface can handle the wear and tear of spikes, skates and other equipment unique to sports facilities. However in sports facilities where free weights are used, and/or skates and spikes are worn, only 9 mm Re-Tire should be installed.

Re-tire is suitable for a variety of installations, as it offers great slip resistance, has good sound and shock absorption, is comfortable under foot, is very durable and can handle heavy rolling loads, is easy to clean and has recycled content that makes it earth friendly.

The Re-tire collection offers 43 standard colors with 8 colors in *Medley*, all with 5% post-industrial cork waste content, 9 colors in *Kaleidoscope*, 11 colors in *The Basics* and 15 in *Shades of Black*. Besides the standard colors, Re-tire can be custom colored. Colorfast pigments are used in the Re-tire collection, however when exposed to intense sunlight, light colors, particularly white, are subject to yellowing.

Medley, *Kaleidoscope*, *The Basics* and *Shades of Black* color Night Cork are available in 4, 6, and 9 mm in 2' x 2' tiles or 4' rolls. The *Shades of Black* collection is available in 4, 6, and 9 mm in 3' x 3' tiles, 4' rolls and 9 mm interlocking tiles.

For ease of maintenance Re-Tire can be sealed or finished after installation. However when Re-tire is installed in sports facilities where spikes or skates will be worn, a finish should not be applied to the Re-Tire. In fitness areas with free weights and workout equipment, applying finish on Re-Tire is optional. The finish can mar (not considered a manufacturing defect of either the rubber or the finish) when free weights are dropped or equipment is moved.

Re-tire is part of the water jet cutting program. Custom logos and designs can be made. Artwork should be submitted for approval, modification and pricing. Quotes for labor, amount of material needed and lead times will be given.

With the variety and uniqueness of the Re-Tire color lines, recycled content varies by color. For a list per color of recycled content please refer to Re-Tire document RT404.



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