

The tufted coir mats are made by tufting natural coir yarn in to latex/PVC backing. The latex/PVC backing provides anti slipping properties and ensures low fibre shedding, structural stability and cut fastness. Tufting of coir yarn over the latex/PVC base using automatic device forms the brush pile of the mat. Mats with varying brush pile can be produced and the mats can be cut into any shape, size, and rolls are used as wall-to-wall carpeting material. Shaped mats, stenciled and flocked designs are available in tufted mats.

Customers typically look for coir mats that offer excellent water resistance, slip resistance, and durability, ensuring they can withstand high foot traffic and various environmental conditions. Aesthetically, consumers prefer mats that come in a variety of colors and designs to complement their interior decor. Additionally, there is a growing demand for eco-friendly products, as customers become more conscious of the environmental impact of their purchases. They expect mats that are made from sustainable materials and are safe for indoor air quality.

The Indian Standard (IS 17734) for PVC latex tufted coir mats addresses these customer expectations comprehensively. It sets forth specific requirements regarding the materials, manufacturing processes, and performance characteristics of these mats. The standard emphasizes the need for high-quality coir fibers that provide optimal resilience and comfort. It also outlines tests for tuft withdrawal, color fastness, and dimensional stability, ensuring that mats maintain their appearance and performance over time.

Furthermore, IS 17734 mandates safety testing for harmful substances as optional requirements for ecomark, ensuring that the mats are free from toxic chemicals and safe for the environment.

By adhering to these standards, manufacturers can assure customers of the quality and safety of their PVC latex tufted coir mats, fostering consumer trust and satisfaction. Overall, the Indian Standard plays a crucial role in promoting high-quality, sustainable products that meet the evolving demands of the market.