



IS 653:1992 - Linoleum Sheets and Tiles Specification (Third Revision)

IS 653:1992 is an Indian Standard that establishes the quality and performance requirements for linoleum sheets and tiles used as resilient floor coverings. Linoleum, manufactured as sheets or tiles with a hessian (burlap) backing, is valued for its durability, ease of maintenance, and resilience, making it a popular flooring choice across varied environments such as railway coaches, ships, road vehicles, hospitals, canteens, offices, industrial buildings, and specialized spaces like laboratories, where wear resistance and hygiene are crucial.

For consumers, high-quality linoleum flooring is expected to provide long-lasting performance, maintain its colour under exposure to daylight, and resist wear and tear from regular foot traffic. Dimensional stability is another key parameter, as flooring must remain consistent in size and shape without warping or shrinking over time, ensuring a smooth, reliable surface. Ease of maintenance and slip resistance are also important, particularly in public or commercial settings where safety and cleanliness are priorities.

IS 653:1992 addresses these consumer expectations by specifying rigorous quality criteria. It sets standards for durability, ensuring that linoleum withstands heavy usage and retains structural integrity. Requirements for colour fastness ensure that the flooring maintains its visual appeal despite prolonged exposure to sunlight. Dimensional consistency standards prevent issues like expansion, contraction, or distortion, promoting a stable and uniform flooring solution. The standard also incorporates updated advancements in linoleum technology to enhance performance and meet contemporary user needs. This standard does not include jute canvas as backing material and covers plain, Moiré, Jaspe and Marble linoleum.

The mandatory compliance with IS 653 for linoleum flooring underlines the importance of quality assurance, allowing consumers to confidently select linoleum products that meet recognized safety, durability, and aesthetic benchmarks, supporting comfort and longevity in both public and commercial spaces.