

Gym Floor

Indoor sports surfaces comprise two types of materials:

- 1) Polyurethane surface
- 2) Wood/Timber surface

Polyurethane sandwich type comprises a polyurethane-bound granulated rubber shock pad topped up by a seamless structure layer. It is **durable** and is **superior wear-resistant** for indoor applications and is a high quality PU structure compound wear layer to create ideal friction.

Indoor wood surface consists of two types. The **first** is a **mastic set of hardwood parquet** adhered directly to an existing concrete floor, which has lower profile and lower cost making it ideal for retrofit and remodeling project. The **second** one is a **Floating type system** using multi-cellular, closed cell flexible foam, two layer of quality plywood and mastic set of quality parquet. The floats over concrete slab create resilience and impact absorption benefits.



Playground

Playground Safety Surface

Overall Thickness (in)	Fall Height Protection (ft)	ASTM F-1292	Critical Height
1.5"	0 – 3'	Pass	3.9'
2.0"	3 – 4'	Pass	4.6'
2.5"	4 – 5'	Pass	6.2'
3.0"	5 – 6'	Pass	6.9'
3.5"	6 – 8'	Pass	8.5'
3.5" w/Tile	10 – 11'	Pass	11.8'



- The tile is designed to provide maximum protection when used under a 2" surface
- Critical height is the approximation of the maximum fall height from which a life threatening injury would not be expected to occur.
- ASTM F1292-99 is the standard specification for impact attenuation.
- The above data represents testing conducted at 70 degrees.