



WHITEWATER[®]
EST. 1980

LIFE
FLOOR[™]

Introducing NSF Standard 50:25
Interactive Waterplay Venue Surfacing Systems

NSF

NSF/ANSI 50: A Brand-New Standard to Make Splash Pad Surfaces Even Safer!

WhiteWater is pleased to bring to you world's first splash pad surface to meet the new safety standard in the US released by NSF International - a certification that involves industry professionals to provide public health and safety improvements.

About NSF/ANSI 50 Safety Standard

After years of rigorous testing and research, NSF created NSF/ANSI 50 - a new set of standards that establish minimum performance requirements for equipment, products, and systems related to recreational water facility operation. It concluded that for a surface to meet an appropriate standard for splash pad surfacing, it must fill six unique performance-based requirements.



Life Floor is the first surface to meet all the six safety requirements set by NSF/ANSI 50:

- **Slip Resistance:** In accordance with NSF's mandate for all certified splash pad surfaces to be slip-resisting to minimize slip-and-fall injuries, while providing a minimum level of traction, Life Floor provides a slip resistant and safe experience for guests.
- **Impact Absorption:** Life Floor tiles are cushioned to absorb inevitable falls. The standard requires a HIC (Head Injury Criterion) value of 750, with a .20-meter minimum fall height. Life Floor exceeds these requirements by 50%.
- **Chemical Resistance:** Life Floor tiles maintain their traction and impact absorption ability even after exposure to harsh chemicals. To determine this, a surface is tested by exposing samples to specifically treated water for 100 days. Life Floor maintains both traction and impact absorption after undergoing this process.
- **UV Resistance:** Resistance to ultra-violet radiation is essential, as many splash pads experience intense, year-long sun exposure. Life Floor tiles withstand intense UV exposure, preventing deterioration and ensuring a safe guest experience.
- **Impermeability:** According to the standard, a surface must be at least as impermeable as concrete, which is rated as 98.3% impervious, based on how much water it may absorb over 24 hours. Life Floor is certified to this standard and exceeds it, being rated 99.6% impervious.
- **Cleanability:** Life Floor is certified to this standard as it demonstrated a 99.9% reduction of organisms after being sanitized. This also includes the area between the joints of each tile.

How you can gain advantage of the NSF certification

Currently, 37 states in the United States reference NSF/ANSI 50 and an additional 4 states have counties that reference NSF/ANSI 50. It is always in a facility's best interest to adhere to NSF standards in terms of both operational excellence and risk mitigation by ensuring fewer safety-related incidents and helping protect from litigation.

Meeting NSF standards provide facilities additional protection from potential lawsuits. The NSF/ANSI 50 standard reduces the chance of injuries. However, should an injury occur, operators can point to the fact that they were operating under the best and safest practices in the industry.

To learn more on NSF certification of Life Floor, contact us at www.whitewaterwest.com/contact-us

