

Static Electricity Effects

This document covers the Starlok® Portable Dance Floor

Page 1 of 1

As the name of the product suggests, this floor utilises electronic components such as white LED's which according to our supplier have an expected or anticipated lifecycle of approximately 80,000 hours under normal conditions. If the average function lasts 6 hours this offers over 13,000 functions.

Whilst we endeavor to ensure that all components supplied by our suppliers remain consistent, we cannot guarantee that the acrylic nor the effects including colour and luminosity of the individual LED's will match identically any future purchases.

The standard flooring materials used in the production of the Starlok® panels and cables carry a 3-year guarantee against material or production failure but any electrical components carry a 1-year guarantee. That being said, all electronic components may be susceptible to problems ranging from heat, damp, moisture and temperature to handling but more importantly voltage fluctuation and static electricity. Static could be generated through the movement of the storage vessel used to store and/or transport the panels to, within and from venues or indeed within a venue through a change of surface materials such as carpet to tiles to laminate etc. Nylon carpet is deemed to be the most common cause of static charge build up but any surface can present this problem.

At Portable Floormaker, we manufacture storage and transportation trolleys to suit all floors and the Starlok® storage trolley is purposely fitted with anti-static castors to assist against the build-up of static charges which can be transferred to the panels causing minor static shocks when unloading the trolley or handling the panels. It can also affect the LED's in such a way that the LED's may not burn as bright (appear dull) or fail completely.

Static can affect one or all LED's over time and replacing one failed LED may just pass the problem onto the next weakened LED. This could carry on throughout the panel's lifecycle with continual failures. As such, we recommend and to a certain extent insist that Starlok® portable dance floor panels, cables and controllers are stored and transported in a PFM purpose designed and built storage trolley. Failure to purchase the trolley with your floor may result in the guarantee becoming void should problems arise through LED failure within the 1-year period. Customers deciding not to use the PFM trolley for transporting the panels and associated equipment to or within venues should think carefully about how they handle the equipment. It is in your interest to ensure you take care of your investment.

The Management
Portable Floormaker
October 2018