



In-Space Missions Limited was established in 2015 to develop new space missions and to provide consultancy and procurement support to the space industry.

The Challenge

In-Space has over 70 combined years of experience in military, institutional and commercial space activities covering Earth Observation, Sat Comms, Navigation, Space Science and Space Exploration. In-Space has expertise in developing missions employing spacecraft from 3 kg to 3000 kg covering the full range of activities from concept and business case development, through bidding and winning the work, to delivering and operating the system.

Location: Hampshire, UK.

Space: 20m²

1. Due to a change in the function of the area the existing concrete floor needed to be covered with a high quality ESD floor. The room will now be used for testing and integrating spacecraft electronics for development and flight projects for cubesat class satellites (these are very small satellites, typically less than 10kg based on 10cm x 10cm "building blocks". Consequently, it is essential that none of the components are damaged by electrostatic discharge so In-Space Missions need to be certain the floor covering is compliant with BS EN 61340-5-1 and IEC 61340.
2. After disappointing experiences with suppliers for other products In-Space Missions were looking for a company who were responsive and helpful during the selection process whilst providing a versatile and high quality ESD floor that they could rely on. Having investigated several suppliers of interlocking floor tiles they chose Ecotile.

The Solution

Ecotile ESD floor tiles are a static dissipative or conductive flooring system designed for use in areas where components or individuals need to be protected from the risk of electrostatic damage. This includes electronic sub-assembly areas or facilities where combustible/explosive materials are handled, typically in an industrial or manufacturing environment.

Ecotile ESD is guaranteed to meet BS EN 61340-5-1 and to be IEC 61340 compliant. The surface resistance of the tiles falls between 3.0×10^4 ohm/m² and 3×10^6 ohm. The contact resistance falls between 3.6×10^5 ohm and 9.5×10^5 ohm.

The conductive properties of Ecotile ESD floors will last for the lifetime of the tile and if grounded in accordance with our instructions and maintained properly, the tiles will create a safe conductive floor surface that can be used as your primary ground.

"Ecotile had exactly the right product for our needs, they are extremely responsive and provided the friendliest and helpful customer service I have ever experienced. The installation was carried out quickly to a high standard and there was no mess at all left behind. I can't overstate how nice it was dealing with Richard, Zoe and the installer to get this flooring done, we only had a small area to do but they were all so helpful and efficient and I never got the impression I was a small customer".

Ed Stevens – Director, In-Space Missions.

To understand the benefits that Ecotile can deliver to your commercial garages, workshops and showrooms. Please call 01582 788 232 or email enquiries@ecotileflooring.com