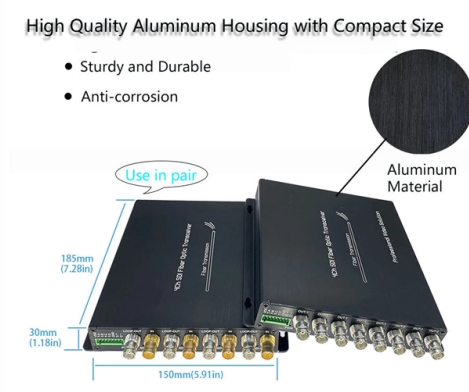


High-density anti-static flooring with cable trays immersion liquid cooling in stock



Overview

Our systems integrate with grounding grids, cable management, cooling systems, and raised-floor environments, ensuring predictable maintenance and safe installation in live facilities.

Key Takeaways

Anti-static raised floors and high-density ESD tiles provide static control, integrated cable management, and support for high-density server environments, suitable for immersion liquid cooling setups.

Anti-

Static Raised Floor Systems Anti-static raised floors are modular flooring systems designed to protect sensitive electronics while providing underfloor cable management. These systems consist of adjustable pedestals supporting modular panels, creating a void space beneath the floor for power cables, data lines, and HVAC infrastructure. Each panel is made from conductive materials and features a grounding system to maintain consistent static discharge protection, typically within 1x10⁶ to 1x10⁹ ohms, meeting international ESD safety standards.

The modular design allows easy access for maintenance, reducing downtime and installation complexity.



High-

Density ESD Flooring Tiles

For environments requiring high-density server racks or electronics, conductive and static-dissipative tiles such as Forbo's Colorex EC/SD or Sphera EC/SD provide dimensionally stable, high-density surfaces. These tiles are permanently static-dissipative, with conductive networks that safely discharge static electricity across the entire surface. They are suitable for IT rooms, laboratories, and cleanrooms, and can withstand high traffic and heavy equipment, including forklifts, without compromising ESD protection.

Cable Tray Integration

Raised floor systems inherently support underfloor cable trays, eliminating the need for overhead cable management. The void space beneath the panels allows for organized routing of power and data cables, which is essential for high-density server deployments and liquid immersion cooling setups, where precise cable and fluid line management is critical. Compatibility with Immersion Liquid Cooling While the sources do not explicitly mention immersion cooling, raised floors and high-density ESD tiles are compatible with data centers using liquid cooling.

The accessible underfloor space allows for routing coolant lines, pumps, and sensors, and the static-dissipative properties ensure that sensitive electronics remain protected from electrostatic discharge during installation and operation.

In-

Stock and Installation Considerations Manufacturers such as Sika, Stonhard, Forbo, and StaticWorx offer ready-to-ship ESD flooring solutions suitable for high-density technical environments. These systems are available in modular panels or sheet formats, allowing for rapid deployment with minimal disruption to ongoing operations. Many products are adhesive-free or self-leveling, enabling immediate use after installation.

Summary

For high-density server rooms or electronics facilities requiring anti-static protection, cable management, and support for immersion liquid cooling, the following options are recommended: Raised anti-static floors with modular panels and underfloor cable trays for flexible infrastructure management.

High-density ES

D tiles (e.g., Colorex EC/SD, Sphera EC/SD) for permanent static control and heavy equipment support. Manufacturers with in-stock solutions: Sika, Stonhard, Forbo, StaticWorx, offering rapid deployment and professional installation support. These solutions ensure operational continuity, safety, and efficient cooling infrastructure in high-density, sensitive electronic environments.

Article Content

ESD Flooring for Telecommunications, NOCs & IDF Rooms | StaticWorx

Our systems integrate with grounding grids, cable management, cooling systems, and raised-floor environments, ensuring predictable maintenance and safe installation in live facilities.

Data Center Anti-Static Epoxy Floors | PumaCRETE®

PumaCRETE anti-static flooring is installed across the full data center facility — wherever IT infrastructure, telecom equipment, or sensitive electronic hardware needs both static control and

Anti Static Raised Floor Systems: Advanced Protection for Technical ...

This innovative flooring solution combines elevated structural support with advanced anti static properties, effectively dissipating static electricity while providing essential cable management

Best Anti-Static Flooring for Server Room in Small/Middle/Large Sizes

Choosing the right anti-static flooring is essential to protect this equipment. In this blog, we introduce the best anti-static flooring solutions for server rooms of various sizes, ensuring both

Steel Anti-static Flooring

Anti static raised flooring is made of standard steel cementitious raised floor, with different kinds of anti-static coverings on top, such as high pressure laminate (HPL), conductive PVC tile. There are

Anti-static Flooring

Anti static raised flooring is made of standard steel cementitious raised floor, with different kinds of anti-static coverings on top.

AI factory liquid cooling & power infrastructure

End-to-end solutions for integrated direct-to-chip liquid cooling, CDUs, and power infrastructure for AI factories—optimized for GPU densities above 100

Anti-static Flooring for Data Center, Computer Room

Looking for a anti-static raised access floor online? TitanFlor has got anti-static flooring all covered for you at an amazing price range.

7 Data Center Flooring Solutions to Prevent Charges

Implement static-safe flooring in your data center with these 7 proven solutions that protect equipment and maximize uptime.

Quality Anti Static ESD Flooring for Industrial Facilities by PIP

Protective Industrial Polymers provides quality anti static ESD flooring for industrial facilities. Our flooring is perfect for the server room and more.

The data center cooling state of play (2025) — Liquid

The rise of AI, hyperscale clouds, and the general need for performance have significantly transformed the design and cooling of data

A review of the immersion liquid cooling technology for high ...

Highlights • Immersion liquid cooling (ILC) is analyzed as a critical solution for high-density data center. • Two coolant types and three system configurations are evaluated, correlating them

ESD Flooring Solutions

Our flooring solutions are designed to prevent electrostatic discharge, help safeguard electronic equipment, and maintain safety in static-sensitive settings.

StaticWorx GroundSafe® ESD Flooring | We Keep You Grounded

Designed for labs and healthcare environments, StaticWorx flooring offers verified static control, disinfectant compatibility, ergonomic underfoot comfort, minimal maintenance, and support for

Anti-static Woodcore Raised Access Flooring

Protect sensitive electronics with anti-static woodcore raised flooring. Offers high load capacity, durability, and underfloor space for cables, HVAC, and utilities.

Which Anti-Static Raised Floor Fits My Data Center? Save My Cooling ...

For data centers of any size—from edge facilities to high-security command centers—specialized anti-static raised floor panels solve critical pain points: they stop energy waste,

Raised Access Flooring Solutions | Senmai Floor Technology

Clean room raised access flooring is engineered for high-level cleanliness environments, featuring anti-static performance, easy cleaning, and compliance with clean room standards.

ESD Flooring Systems | Stonhard

Discover how ESD flooring prevents static in industrial and commercial areas, protecting your devices and data. Learn more about our ESD flooring systems today!

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

Contact Us

Continue your research online:

Website: <https://cgweb.co.za>

Technical inquiry: <https://cgweb.co.za/project-enquiry.html>

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

