



CyberFloor Company Profile

Background

CyberFloor was developed in the early 1990s after a need was identified by John Gaillard of Gaillard Facilities Management. The product was conceived to address the challenges posed by traditional steel access floors, which were expensive and had significant impacts on building construction, such as ceiling heights and floor loadings. Steel access floors, which can weigh up to 60kg per square meter, were originally developed for mainframe computer rooms but were later extended to office environments due to the lack of more suitable alternatives.

Working in conjunction with Campbell Davies Consulting, a firm of professional electrical engineers, CyberFloor was designed specifically around the South African Building Regulations (SABS 0400) to provide modern office wiring solutions without the expense and logistical problems associated with steel access floors. The goal from the outset was to create a product that could be used in both new developments and retrofit situations, making it versatile for different construction scenarios.

Product Development and Testing

The initial version of CyberFloor was manufactured using locally sourced materials, but this resulted in technical issues due to material quality. To address these problems, a switch was made to a locally sourced material combined with an imported component. Before launching the product, comprehensive testing was undertaken at the University of the Witwatersrand to ensure long-term structural integrity. The product was also tested for compliance with fire safety regulations and static electricity issues by the CSIR and SABS, respectively.

The product's first successful trial installation took place at Rawlins Wales's new head office in Linbro Park, Johannesburg. Following this success, CyberFloor was launched commercially, securing its first major order from African Merchant Bank in Sandton. The product has since been installed in numerous other projects, proving its value in the market.



Key Features and Benefits

CyberFloor offers several advantages over traditional steel access flooring systems:

- **Cost-Effective:** The product is simple to produce and install, making it more economical than standard access floors.
- **Fire Safety Compliance:** CyberFloor is fully compliant with fire regulations and carries a certificate of compliance from the CSIR.
- **No Static Electricity Issues:** The system has been tested and meets normal office requirements for static electricity.
- **Flexible Layout Options:** CyberFloor provides significantly more flexibility in terms of electrical and data outlet points, offering 3,600 possibilities per 100m² compared to 1,111 with traditional access floors.
- **Simplified Cabling Installation:** The need for cable trays is eliminated, and the installation of electrical and data cables is straightforward.
- **Minimal Building Impact:** With a low profile of 50mm and lightweight construction, CyberFloor has minimal impact on building design and is suitable for retrofitting into existing buildings.
- **Portable and Reusable:** Unlike standard access floors, CyberFloor is not attached to the building structure, allowing for easy removal and reuse in different locations.



Portfolio of Projects

CyberFloor has been successfully installed in a range of projects across South Africa and beyond. Notable installations include:

- **African Merchant Bank, Sandton**
- **CSIR, Pretoria**
- **De Beers (Venetia Mine), Messina**
- **Fedsure Health, Sunninghill**
- **Gauteng Provincial Legislature, Johannesburg**
- **MTV, Johannesburg (Hyde Park)**
- **Neotel, Woodmead**
- **Oprah Winfrey Leadership Academy, Henley-on-Klip**
- **Polytechnic of Namibia (Phase 1 and Phase 2), Windhoek**
- **S A Post Office (Head Office and Church Square), Pretoria**
- **Sanlam, Pretoria**
- **Venetia Mine (De Beers), Johannesburg**
- **Wits University IT Training Centre, Johannesburg**

These projects showcase CyberFloor's adaptability to different environments, from government buildings to corporate offices, demonstrating its effectiveness in providing modern wiring solutions without the complications of traditional access flooring.

Future Outlook and Market Expansion

CyberFloor has garnered significant interest both within South Africa and internationally. The product is currently being evaluated for technical approvals in the United Kingdom and the United States, where no similar product exists in the market. As a result of its successful launch, CyberFloor (Pty) Ltd is now fully focused on manufacturing, marketing, and installing the product across South Africa and other parts of the world.

CyberFloor represents a groundbreaking solution in access flooring, providing cost-effective, flexible, and compliant options for wiring modern office environments. Its ability to be used in both new builds and retrofit projects, combined with its superior features, makes CyberFloor an ideal choice for businesses looking to streamline their office wiring infrastructure. With successful installations across various sectors, CyberFloor continues to be a leader in the raised access flooring industry.