

Mezzanine construction: early involvement pays dividends

Although traditionally viewed as relatively simple steel constructions, today's mezzanine floors are increasingly complex in both design and installation. As a result, early involvement of MiTek Mezzanine Systems in your project can secure significant benefits:

Building enhancements

Our mezzanine expertise may influence the design and construction of new buildings, enhancing client facilities.

Project management

Deep mezzanine knowledge means we devise project management plans that are not only rapid but also realistic and robust, enabling more efficient and faster builds.

Cost savings

We can provide advice to ensure that the most cost-effective construction methods are used.

Life cycle expertise

With experience from over 10,000 projects worldwide, we offer tailored solutions and valuable advice on the entire system life cycle.

Speed to market

Full understanding of the mezzanine requirements avoids project delays, resulting in earlier handover, allowing the client to profit from the investment sooner.

Read
about
the
benefits of
our early
involvement
overleaf...

General Contractors Case Studies

Distribution centre mezzanine for multinational lifestyle retailer

Challenge

Provide design engineering expertise to support a 2-tier integrated system. Close liaison with the frame designer to incorporate structure into the building. Client's preferred decking option was not a local product and additional duties and shipping made it too costly.

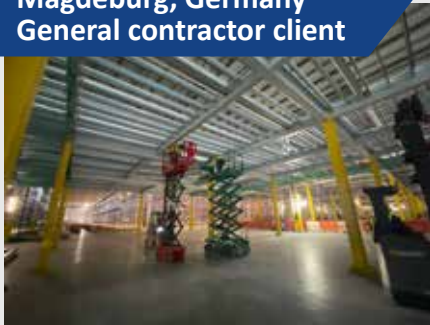
Solution

To reduce the cost for the client, MiTek Mezzanine Systems sourced an alternative local decking product and arranged a visit to our Innovation Hub as well as a live site so client could experience the alternative decking solution and discuss the options available.

Peterborough, UK
General contractor client



Magdeburg, Germany
General contractor client



Mezzanine floor within fulfilment centre for major e-commerce company

Challenge

Due to changes in the industry major global e-commerce client decided to add 31'500 sqm floor space, whilst their distribution & fulfilment centre build was already well under way. Client needed a quick solution and turnaround time for design and build.

Solution

MiTek Mezzanine Systems was able to deliver time-critical project within 12 weeks, thanks to the experienced in-house design team who already delivered over 100 projects for the client globally. A robust supply chain, ensured the project was free from capacity restrictions.

3PL secures savings

The decision of a third-party logistics provider to involve MiTek Mezzanine Systems early in its project for a new distribution facility paid dividends.

"It's rare for us to get a call so early in the process," explains Nathan Miller, Key Account Manager for MiTek Mezzanine Systems, "but in this case, the client brought us in for discussions with the developer in order to help tailor its new warehouse."

Cost savings

Consequently, the project benefited from both design enhancements and cost savings. "We were able to provide insight into the construction, which helped determine the layout of the final build," continues Nathan Miller. "Normally we are asked to tender very late in a project, when the building shell and internal design are already finalised. At that stage, we often find that some elements cannot be designed in the most cost-effective way – or, in some cases, are not even technically feasible – resulting in expensive alterations and project delays."

Future-proof

Early involvement also meant that MiTek Mezzanine Systems was able to arrange for the client to visit an existing customer's site to help visualise the end product. "Along with a visit to our Innovation Hub, this proved invaluable," says Nathan Miller, "as it enabled the client to experience the options available in a real-life scenario rather than merely on paper." The visits also

stimulated further discussion on the firm's business ambitions, which helped the client to make decisions that may have been restricted by the building design later on, thereby future-proofing the project. Nathan Miller says, "Future-proofing is an integral part of our process. When we offer a solution, we're not just thinking about project completion but about how it will stand up in three years' time. That involves understanding a customer's business, its future growth and opportunities."

Special expertise

With automation and IT playing an increasing role in many industries, mezzanines for warehousing, retail and offices today often have special requirements in terms of maximising strength, minimising vibration and electrostatic resistance. While independent structural engineers can provide expertise, they lack specialist mezzanine knowledge. "External engineers cannot always provide insight into how a mezzanine will be used over its lifetime," says Nathan Miller. "With over 30 years' experience from the delivery of over 10,000 mezzanine floors, we have amassed vast expertise – not only in mezzanine design and installation but also in project management, building regulation, fire protection and all the associated services."



Nathan Miller
Key Account Manager

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