SPACE SOLUTIONS | LOSBERGER DE BOER

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Losberger De Boer delivers top class temporary and permanent space solutions

70 BUILDING DESIGN & CONSTRUCTION MAGAZINE

Mical De Boer, MD Losberger De Boer UK Ltd says: "During the past 2 years our business has set new benchmarks in the provision of bespoke turnkey temporary structures and semi-permanent buildings proving that our space solutions can be adapted for an even greater range of diverse requirements from major sporting, leisure and public events to rapid deployment solutions for emergencies, film industry and more, all from our UK hub in Brackley, Northamptonshire."

This has had a significant implication on construction companies who want flexibility to go hand-in-hand with the speed that modular construction brings. Moreover, through Losberger De Boer's commitment to enhancing sustainability, the supply chain gains a key asset in the industry's overarching pursuit of net-zero carbon.

Indeed, the attraction to Losberger De Boer's solution is one with ever-widening possibilities.

Its projects include the world's largest and most historic events like The Olympic Games, COP26, Wimbledon, Farnborough Air Show and The Chelsea Flower Show. In addition to these landmark projects an increasing num-

Losberger De Boer is an ideal choice for clients in the construction sector requiring a fast, holistic solution for safe, high quality, value-adding temporary structures and semi-permanent buildings, that are designed to reduce carbon footprint as well. ber of construction companies are seeking modular, semi-permanent construction as an ideal alternative to investment, in support of long-term building projects or rental/purchase agreements for existing buildings.

Losberger De Boer's extensive experience has already earned an enviable reputation on the national and international stage. This was complemented in 2021 when they won Construction Week's inaugural Modular Contractor of the Year award for our work in the Middle East. As well as praising its "fast, cost-effective and sustainable solutions", Losberger De Boer was applauded for its record-breaking work to deliver the Modular Construction









Project of the Year in Jeddah, known as the Jeddah Superdome this structure also claimed the Guinness World Records title for the largest geodesic dome and largest dome with continuous roof with total diameter of 210m and 47m high. As a multi-purpose event space, it played an integral role in the Jeddah Season events programme. From live shows, concerts and sporting events to brand activations and exhibitions. The scope of work included the design and build of the structure, along with a project management and consulting role in addition to co-ordinating with third-party subcontractors assigned by their client.

"This is one such project that showcases the size, scale and scope of what our company is able to achieve, because we're able to bring our insight to a project; and, control the entire supply chain, we not only ensure flexibility, quality and value, but our clients can put their confidence in us because we design, engineer and manufacture all the structures ourselves", says Mical.

For clients in the construction industry, it's a solution that is also futureproof. "These are scalable and relocatable temporary buildings. Our niche solves some of the uncertainty associated with whatever the future may bring. The pandemic has emphasised this, at a time when flexibili-



ty is more important than ever, we have helped companies adapt continuously around their business processes and ambitions, optimising these as required."

Losberger De Boer's buildings can not only be made to size they are also easy to scale up and down. They can therefore grow or shrink along with a company's requirements, they are movable and can be adapted for other uses. The combination of customisation and flexibility makes these modular units very suitable for placement on a company's own premises and/or construction sites. This makes excellent business sense. Mical goes on to say: "We build where and when our clients need space and dismantle when this space is not required. This service is often more attractive compared to the construction of a permanent offsite building or renting the same. Alongside the fact that our structures can be tailored to the changing needs of our clients' their investment is therefore directly related to their space requirements. And, there's also the added advantage that if necessary, the lifespan of the structure can be extended"

"Core to our business success is rapid deployment," adds Mical. "This was critical for many businesses when the pandemic hit the supply chain; and, when we saw a steep rise in demand for temporary space. The fact that we deliver custom builds in days and weeks, not months and years was a key asset along with our unique insight, experience and large stock of modular construction frames meant that our proven fast track build record was invaluable. This is why, over the years we've become the go-to partner for high-profile and complex projects. Through 2020 and 2021 our company adapted and diversified its product range. Working with healthcare professionals, we designed a temporary mass vaccination centre blueprint to facilitate the vaccination of large numbers of people safely; structures, that are normally used in the events sector were transformed into triage centres or space that helped businesses and institutions adapt to social distancing requirements, like temporary welfare facilities."

"Our company doesn't stand still" says Mical, highlighting a more recent innovation. "We launched a new structure that complies to building regulations just like traditional buildings do, that is fully modular and adaptable as well as quick to build. In addition, a new, lighter and highly sustainable flooring system has been developed; as well as innovative acoustics (20dB up to 50dB) and thermal insulation system, that sets a new standard for boosting a U-value of below 0.4 $W/(m2 \cdot K)$ which means there is significantly less cooling or heating required. These structures are over 95% recyclable with aluminium and glass being the main components; and, when a project is completed, the materials will be re-used. After completing their lifespan all base parts are also re-useable. This reveals an unrelenting pursuit to achieve new levels in sustainability, minimising its carbon footprint and the ecological impact of its operations and products.

Losberger De Boer was the first in its sector to develop a formal environmental management system; and, most recently the company was awarded a Silver Medal from EcoVadis, an independent, international platform which assesses compa-





nies' corporate social responsibility including environmental policies and procedures. Mical says: "During the past two decades, we have taken numerous steps to continuously reduce our ecological footprint which has resulted, amongst other things, being ISO 14001 certified in 2010. We have developed more sustainable parts and products, have optimised our transport and invested across our business in a more sustainable operation." Losberger De Boer's engineers have devised a way to make the floors of its structures significantly lighter which reduces the amount of transportation fuel used. Mical adds: "In addition to the EcoVadis Award, l am pleased to mention that this journey began some time ago with an award from the EU Business School, as a recognised leader in sustainable working practices; we now look forward to working toward an even better CSR rating, in the future."

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Losberger De Boer is unrivalled in this market place.

