



Press Release
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Jakob Rope Systems pioneers sustainable architectural design

Jakob Rope Systems' wire ropes and Webnet systems have become integral to sustainable architectural design, offering a blend of functionality, aesthetics, and environmental benefits. Their versatility and durability make them ideal for projects aiming to minimize environmental impact while maintaining innovative designs.

Sustainable Benefits of Jakob's Wire Ropes and Webnet

Jakob's wire ropes and stainless steel Webnet are renowned for their longevity and resistance to environmental factors, reducing the need for frequent replacements and maintenance. This durability translates to lower material consumption over time, aligning with sustainable construction practices. Manufactured from high-grade 316 stainless steel, these systems are fully recyclable at the end of their life cycle, contributing to resource efficiency and waste reduction. Webnet's lightweight and flexible design also minimizes material use without compromising strength or functionality.

Applications in Sustainable Design

One prominent application is in green wall systems, where Webnet serves as a trellis for climbing plants. These structures enhance insulation, improve air quality, and promote biodiversity in urban settings. For instance, the green shade roof in Zurich's Oerlikon district utilizes Jakob's stainless-steel ropes and nets to transform former infrastructure lines into climbing structures for greenery, contributing to a cooler and more pleasant environment.

In car park safety, wire ropes and Webnet systems elegantly enclose openings, allowing natural light and air to flow through. This approach enhances safety and sustainability by reducing the need for additional ventilation systems and artificial lighting.

By choosing Jakob Rope Systems, architects and designers can seamlessly integrate sustainable solutions into their projects without compromising on design or functionality.

For more information on sustainable architectural solutions using wire ropes and Webnet systems, visit <https://jakob.co.uk/>

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MMA Architectural Systems Ltd
T: 01761 419427
E: sales@mma-architectural.co.uk