

Carl Stahl realises an architectonic gem in Munich

## The hanging gardens of Bavaria

Three vertical trellises, upon which vigorous vines climb upwards, and gradually transform the passage into a green oasis, set the extraordinary scene. They are fixed in height by the stainless steel cables stretching between the parts of the building. As a result, this iconic office building

**The newly built office complex b3 - The Corporate Residence on Munich's Theresienhöhe captivates because of the special structural element for the exterior. "Hanging gardens" made of stainless steel cables from Carl Stahl offer an opportunity for relaxation during office breaks in the area between the constituent parts of the building.**



not far from Munich's Bavaria Statue, combines functionality with a modern and expressive architecture.

### Safety certified construction

For the construction of the Corporate Residence, the architects Rainer Hofmann and Hans-Peter Ritzer of bogevischs buero in Munich decided on a steel structure connected to the building discreetly and securely by special anchoring systems. The safety certified construction was realised by the cable technology specialist Carl Stahl GmbH, which is ba-

sed in Süßen, using its I-SYS stainless steel cables.

These allow metal rings to be suspended evenly over the inner courtyard. The stainless steel cables are attached to wall anchors which are integrated into the façade of the building. What is special here: they absorb the high tensile forces acting upon them both safely and reliably without detracting from the aesthetic appeal. The specific anchoring system can be chosen to conform to the respective architectural style. This is possible because the individual I-SYS parts using spacers, clamps and supports become universal structural components. With the Carl Stahl I-SYS

programme which is based on a modular system, unusual and innovative ideas can be realised with individual solutions and a whole range of technical combinations.

Experts from Carl Stahl are on hand during the whole project - from the first idea, to development, manufacture, installation and after-sale support - making I-SYS a comprehensive concept.

The stainless steel construction, in grade Aisi 316, is stainless and acid resistant, almost maintenance-free, and is approved according to ETA-10 0358. Carl Stahl was the first manufacturer to achieve this Europe-wide certification in this particular product category in October 2010.

### Almost maintenance-free

Certified safety offers many advantages for construction and architectonic implementation. It significantly speeds up processes and approvals and therefore reduces costs at the planning phase.

The Carl Stahl group of companies, with 52 locations worldwide, and more than 1,300 employees, is today one of the global market leaders for products and services in the area of cables, lifting



equipment, and safety technology, as well as for cable solutions in the areas of TechnoCables and architecture.