

Progress, Petersberg (Fulda), Germany

Exterior Light

Project. The object-like structure PROGRESS serves as a point of reference and meeting place near the entrance door of steel construction company with an international operation. As a result of the involvement of several partners from the TEXTILE ARCHITECTURE Network, this striking feature conveys both the competence and claims of the company it represents – through its design, materials employed, and standard of workmanship.

Concept/Design. As a corporate demonstrator, this combination of an elegant supporting structure and dynamic covering generates an exciting entity, characteristic of designs originating from the «leichtbaukunst» studio. Despite its clear size and simple form, the sweeping shape of the steel tubing and overlapping awnings invite the observer to engage with it more closely; the eye follows the spiral-shaped coils, recognizing the symmetry of this perennial installation from its various viewpoints.

Construction. The lacquered steel and textile installation is 4.4 meters in height with a diameter of 6.4 meters; the round steel tubing is welded; on the upper end, four rotationally symmetric awnings (each with a surface area of 7.3 m²) are tensioned by means of a piping rail slide attachment as well as two suspension points each. The top-quality Sefar fabric is inlaid and finished to a high standard with the necessary piping, pre-stretched straps, and sealed seams to ensure a long operational life. From its circular steel plate, the emerging tubes create shifting radii and at times biaxial curves. To simplify matters, a standardized profile is used for all components in the supporting structure; the hubs were achieved in the form of intersections.

Project/Location: PROGRESS, Petersberg (Fulda), Germany, www.hahner-stahlbau.de

Architect: leichtbaukunst/Dr. Lars Meess-
Olsohn, Velbert-Langenberg, Germany,
www.leichtbaukunst.de

Engineering: leichtbaukunst/IB Zapf

Manufacturing: aeronautec GmbH, Seeon,
Germany, www.aeronautec.de

Implementation: Hahner Stahlbau GmbH,
Proas Profilbiegetechnik GmbH,
Carl Stahl GmbH

Fabric: SEFAR® Architecture EL-35-T1

Photos: leichtbaukunst, Velbert-Langenberg,
Germany, www.leichtbaukunst.de



Architecture
Interior / Exterior

S E F A R
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