

## SunSquare SunSails – Interior Installations

*Alongside their well known exterior shading systems, SunSquare also provides custom shading solutions for interiors. The same flawless drive technology is used in both applications. As there is no wind stress to accommodate, sails up to 100 m<sup>2</sup>, with shafts up to 14 m in length can be used.*

GLASS FRONT UNIQA TOWER (Architects: Neumann and Partner) – An installation comprising five overlapping sails shades a curved glass roof surface. Through the spatial organization of the sails, every vantage point affords a unique view. As the sail shafts are attached to cabling rigs, designer Gerald Wurz was required to design a vibration-free drive system which would also accommodate the up to 20 cm travel of the glass roof. The net-weave Soltis 92, which was chosen for the sail material, provides not only outstanding shading, but is also governed by a control system which automatically retracts the sails in case of fire. When the sails are retracted, the shafts blend into the delicate roof construction, becoming all but invisible.

GLASS PYRAMID SPARKASSE LINZ – This interior shading project features a glass pyramid with a 17 x 17 m footprint, which is shaded by eight triangular sails. For the first time, extension lengths exceeding 10 m were utilized. The shafts of the individual sails are angled slightly out of horizontal, imparting a formal lightness to the pyramid itself. The oblique position of the shafts improves the distribution of tension within the sail cloth, and thus guarantees wrinkle-free rolling. Custom made triangular cloths allow for maximum precision in planning and design. 17 years of experience, combined with their innovative spirit, enabled SunSquare to realize this demanding project.

For questions, please contact:

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