

Courtyard roofing

Neuwildenstein castle, Oberösterreich

Exterior Light

Project. The use of textiles for construction/renovation purposes makes the continued use of historical buildings possible despite their delicate and easily-damageable condition. This light roof made using a translucent membrane is a shining example of the old and the new in harmonious combination, and made a lasting impression on the visitors to the major historical-cultural event "Oberösterreichische Landesausstellung". Under this open-air roof, Austrian culture becomes a special experience.

Concept/Design. The lamellar and intricately-constructed roofing diaphragm met all the high artistic expectations as

well as being an efficient protection from inclement weather. For safety reasons, the possible stresses from high wind required that the textile roof be under great tension, and therefore the structural conditions of the old buildings had to be carefully taken into account and appropriate adaptations made.

Construction. The membrane made using Sefar architecture fabric has long-lasting weather- and UV-proof qualities. The roofing will be dismantled in the autumn and stored, and reinstalled each year in time for the summer season.

Project/Location: Neuwildenstein castle 1770, Bad Goisern, Austria

Architect: Dip. engineer E. Kieneswender, Bad Goisern, Austria / Herwig Bretis

Engineering: ArtEngineering GmbH, Dr. S. Greiner, Stuttgart, Germany
www.greiner-engineering.com

Assembly/Implementation: Hermann Meisel GmbH, Pinsdorf, Austria
www.planen-meisel.at

Fabric: 280 m²

SEFAR® Architecture **EL-65-T0**
(previous description AR 24-50)

Photos: Peter Koehl, buobundschiess.ch



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Interior / Exterior

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