

Light and acoustic canopy, St.Gallen City Park Pavilion

LightFrame

Project. Situated in the museum and theatre district of St.Gallen in eastern Switzerland is the listed building, City Park Pavilion (Stadtpark-Pavillion), constructed in 1812. During the summer months, this serves as a venue for cultural events hosted by the local women's association. The acoustic properties, however – determined by its hard interior surfaces – are qualitatively unsatisfactory for optimum listening or speaking. The city authorities were seeking a better solution for these optical and acoustic deficiencies.

Concept/Design. St.Gallen architects Ch. Keller Design needed to take two major factors into consideration: the unique room atmosphere and its classic architecture. Constructional measures had to satisfy both technical and aesthetic requirements. The solution was found in the special properties of optical and acoustic fabrics. Combined with modular Light-Frame design technology, they permit the transmittance of light and absorb reverberation.

Construction. The 4-module light canopy is designed to "float" in a seamless way over the room with virtually invisible suspension cables. The suspended ceiling within in a circumferential frame, set back from the wall and only 80 mm deep, reduces the appearance of the fabric surface enabling the ceiling, manufactured as a module, to float. The LightFrame module inter-space, for increased acoustic absorption, is filled with optical glass insulation. The illumination and contour effect of these fibres behind the acoustic fabric creates an aesthetically pleasing design effect.

Project/Location: City Park St.Gallen, Switzerland

Architect: Ch. Keller Design AG, St.Gallen, Switzerland, www.chdesign.ch

Lighting planner: Ch. Keller Design AG, St.Gallen, Schweiz, www.chdesign.ch

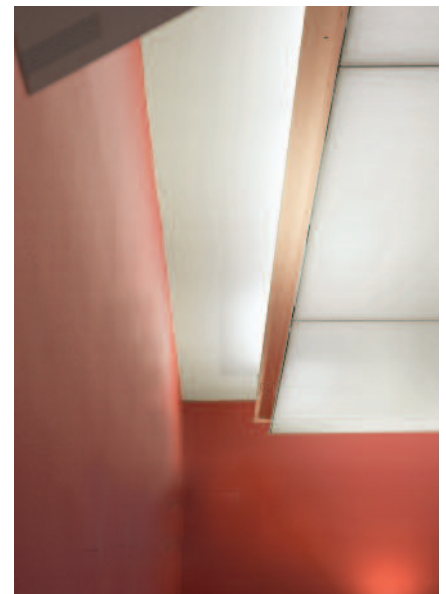
Implementation: Krapf AG, Engelburg, Switzerland, www.krapfag.ch

Sales/Distribution: Krapf AG, Engelburg, Switzerland, www.krapfag.ch

Fabric: SEFAR® Architecture IA-80-CL (previous description AS 02-65-K), covered on both sides, module inter-space with translucent glass insulation

LightFrame Module: 5000 x 1950 mm

Photos: Peter Koehl, www.buobundschiess.ch



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