

Fact Sheet on the Modernization of the Museum Wing

Collection	The Abegg-Stiftung's collection comprises textiles and other works of art from Europe, the Near East and regions along the Silk Road. Among them are large wall hangings from Late Antiquity, Central Asian fabrics and kaftans from the 8th and 9th century, silk robes from the Chinese Liao Dynasty and European fabrics and liturgical vestments from the 12th to 18th century. Exquisite panel paintings, sculptures and works in gold and crystal round off the collection.
Timeline	
Competition	2006/2007 open competition to find the best design for the new exhibition premises
Competition winner	Hanspeter Wespi, OTIA architect of Gordola, with his MITRA project
Demolition of old extensions	summer 2009
Commencement of work on the new extension	autumn 2009
Completion of the shell	September 2010
Exhibition to reopen	18 September 2011
Project	
Building owner/client	Abegg-Stiftung, Riggisberg
Architecture (project development and realization)	OAP Offermann Architektur & Projektmanagement, Zurich working on the basis of the MITRA project designed by competition winner Hanspeter Wespi, OTIA architect of Gordola
Most important engineers and planners (listed alphabetically)	Emmer Pfenninger Partner, Münchenstein (outer glazing); Federal Office of Metrology Metas, Wabern (lighting advice and measurements); Herzog Kull Group, Basel (electrical installations); Jobst Willers Engineering AG, Bern (heating, ventilation, air-conditioning, refrigeration); Die Lichtplaner, Limburg, DE (lighting concept), Marquart AG, Winterthur (security); MC Mineral Consult AG, Volketswil (natural stone facade);Theiler Ingenieure AG, Thun (supporting structure); Zimmermann+Leuthe GmbH, Aetigkofen (building physics)
Building contractor	A. Bill AG, Wabern

Most important firms tasked with the interior fittings (listed alphabetically)	Bären Haustechnik AG, Wabern (refrigeration installations); Baumgartner & Gebr. Pont Haustechniker AG, Rubigen (sanitary installations); Honeywell AG, Ostermundigen (building automation); Elektro Hunziker AG, Thun (electrical installations); inbau boner ag, Boll (parquet flooring); klimag ag, Bern (ventilation, air-conditioning); Adolf Krebs AG, Thun (heating); Licht+Raum AG, Ittigen (light ceiling and showcase lighting); Monolicht GmbH, Winterthur (single lamps and light rails); Osram AG, Winterthur and Plusmusic AG, Dietikon (LED control system); Röthlisberger Innenausbau, Gümliigen (display walls und showcases); Siemens Schweiz AG, Ostermundigen (security); Glas Trösch, Bützberg (glazing); H. Wetter AG, Stetten (glass ceiling)
Total costs	CHF 25 million
Space	
Exhibition space (gross)	1,524 m ²
Net space for special exhibitions	200 m ²
New functional space (for offices, storage areas, utility rooms)	1,650 m ²
Materials	
Glass ceiling	satinized glass panels, chromium-steel fixtures
Display walls	aluminium-composite panels, painted and glazed, mounted on a steel structure
Floor	oak, white pigment
Freestanding showcases	AR-coated white glass, pedestals made of painted metal or MDF, veneered and open-pore painted
Lighting	
Basic lighting	210,000 LEDs on 14 km of strips, variable colour temperature, set to an illuminance of 35 lux
Single lamps	LED spots with gobo (template in front of the light source), set to an average illuminance of 15 lux
Advantages of LED	<ul style="list-style-type: none"> - no UV or IR radiation, no mercury - very little waste heat - high colour rendering index - long service life (practically maintenance-free) - high light yield (efficient) - dimmable as required (no flickering) - compact in size and shape (greater scope for design)
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