



Zapfendorf Elementary School

Essential info

Place / Country:	Zapfendorf, Germany
Building type:	Administrative building
Solutions:	CI System Glass Architecture FE Upstands Ventilation systems Control technology Motor set for tandem drive
Efficiency:	42% energy saving U_w=1,1 W/(m²K) vs. U_w=1,9 W/(m²K) as per German Energy Performance of Buildings Directive 2009

Complete remodelling of the elementary school with a special focus on energy efficiency to ensure sustainable building management.

- Linear daylight systems with 3° pitch, made of thermally separated, high-strength aluminium composite system with continuously foamed core composite sections and double seal system
- Laminated safety glazing with insulation glass, U_g value 1.1 W/(m²K)
- Daylight element pre-assembled on upstands made of glass-fibre-reinforced composite filled with PU foam (CFC-free)
- Daylight systems opened and closed using electric motorised openers

Reference

CI-System Glaselement F



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