Reference

LAMILUX Smoke and Heat Exhaust Ventilation

Exhibition Hall A4, Munich

Essential Information

Place / country:	Munich, Germany
Year:	2011
Building type:	Trade fair exhibition hall
Solutions:	CI System Double Flap ME GRP up stand Spindle upstroke drive powered by electric motor Glazing-integrated shade roller blind Building automation / CI Control Technology
Efficiency:	45% energy saving **Uw=1,7 W/(m²K) vs. Uw=3,1 W/(m²K) as per German Energy Performance of Buildings Directive 2009**

After its remodelling, the exhibition hall at Munich Trade Fair is now supplied with generous daylight. A conveniently controllable shading system and automated ventilation was also installed in line with the client's requirements.

- Double flap as a SHEV device in line with EN 12101-2
- Roof mount with heat insulation core, air impermeability as per EN 12207 (Class 4), watertightness as per EN 12208 (Class E1200), resistance under wind load as per EN 12210 (Class C4/B5)
- Sensor-controlled automation of double flaps and glass-integrated shade roller blinds
- Main control panel with network connection, comfort control and connection to building control technology via EIB
- Removal and complete rewiring
- Laminated insulation glass covered with matt, clear film, Ug value = 1.2 W/(m²K)
- 79% light transmission and 61% energy transmission when roller blinds are open

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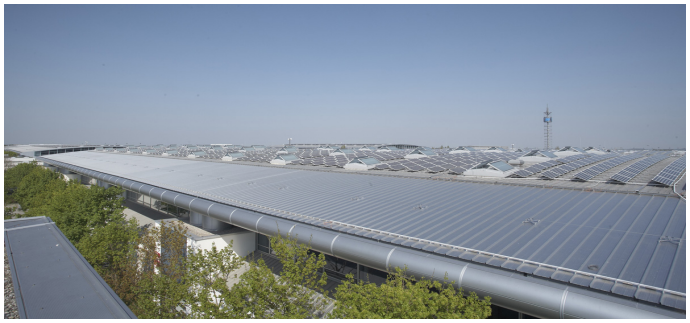

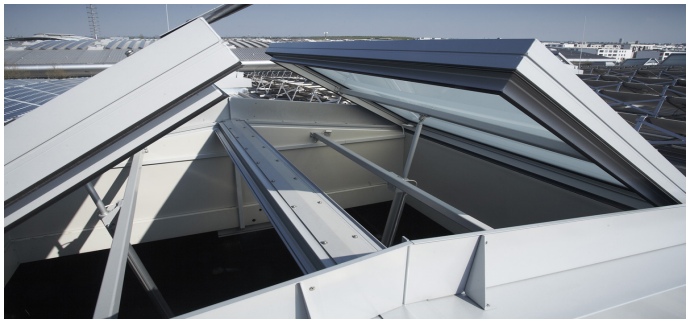

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