



Cube Bikes, Waldershof, Germany

Essential Information

Place / country:	Waldershof, Germany
Year:	2011
Building type:	Logistics Centre
Solutions:	Smoke Lift Rooflight F100 Upstands Motorised openers SHEV fittings. Central DIN pushbutton Pneumatic-electric pressure switch Wind and rain sensor set
Efficiency:	32% energy saving $U_w=2.1 \text{ W/(m}^2\text{K)}$ vs. $U_w=3.1 \text{ W/(m}^2\text{K)}$ as per German Energy Performance of Buildings Directive 2009

Extensive, energy-saving lighting in the new building using natural light, a reliable smoke and heat exhaust system and energy-efficient natural ventilation in the warehouse.

- Rooflights F100 as SHEV systems, thermally separated and free of thermal bridges, designed to hold SHEV fitting
- Fibre-reinforced composite upstands featuring a seamless design and a thermal insulation core
- TIP technology: completely heat-insulated overall system
- SHEV fittings (DIN EN 12101-2) with CO2 remote and thermal release
- CO2 alarm station and SHEV control panels to activate ventilation and smoke exhaust drives
- Double-glazed, opal glass, 70% light transmission and 70% energy transmission

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