



Cube Bikes, Waldershof, Germany

## Essential Information

|                  |   |
|------------------|---|
| Place / country: | Waldershof, Germany   |
| Year:            | 2011  |
| Building type:   | Logistics Centre  |
| Solutions:       | Smoke Lift Rooflight F100<br>Upstands<br>Motorised openers<br>SHEV fittings. Central DIN pushbutton<br>Pneumatic-electric pressure switch<br>Wind and rain sensor set |
| Efficiency:      | 32% energy saving<br><b>Uw=2.1 W/(m²K)</b><br><b>vs. Uw=3.1 W/(m²K) as per German Energy Performance of Buildings Directive 2009</b>                                  |

**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

# Reference



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