

Techcomlight - construction detail 017

Daylight on concrete roof construction (office)

Powerdaylight® Ø53 cm suspended ceiling 60x60 cm for flat roof

Construction detail based on: Rc Roof $\geq 6.3 \text{ m}^2 \cdot \text{K/W}$ U-value tube $\leq 2.2 \text{ W/ m}^2 \cdot \text{K}$ QV10 value $\leq 0.625 \text{ dm}^3/\text{s per m}^2$

Powerdaylight® Ø53 cm dome polycarbonate

Dome reflector for enhanced light collection (attached to the north side of the dome)

Sealing strip

Dome lens

Roof flashing

Flashing insulator

slope to front of roof

