

ENGELSBY

Flensburg Germany Latitude : 54 N

The Engelsby project consists of the energy efficient renovation of two eight storey apartment buildings. Each floor contains five flats. Recessed and protruding balconies have been glazed to different standards. In deep spaces where the glazed balconies reduced daylight levels an additional window has been introduced.

In 1999 the project was awarded with a German solar 99 Award for exemplar solar building renovation.



- Glazed sunspaces

Recessed balconies have been double glazed. Protruding balconies have been single glazed.

- Sunspaces have various orientations

Recessed balconies : Low E gas filled double glazing with insulated parapets.

Projected balconies : Single glazed with uninsulated parapets

- Height of glazing

Glazing starts above a parapet about 700 mm high and runs up to the ceiling.

- Description of shading

Internal blinds may be fitted by tenants.

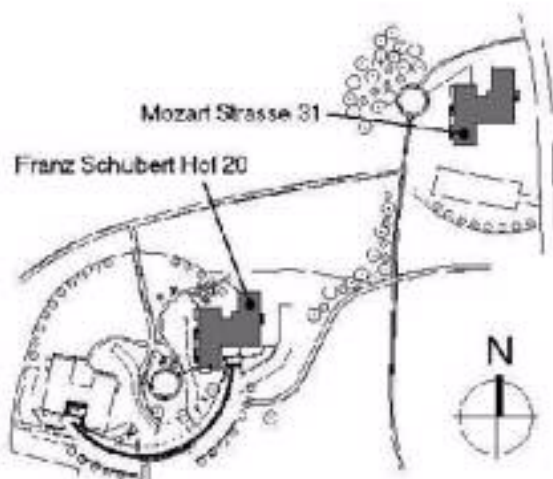
- Ventilation

Demand controlled moisture regulated mechanical ventilation



After renovation

Engelsby



Blocks towers before renovation

