

QUEST CROIX-ROUSSE

57 rue de Chazières
69000 Lyon FRANCE

Housing refurbishment

Completed : 1999

Latitude : 46° N

88 apartments



- Glazed sunspaces

6,8 m2 (Adding additional pleasurable space)

- Sunspaces oriented South

Single glazing between sunspace and outside, double glazing between sunspace and attached room.

- Frame type

Aluminium between sunspace and outside
Aluminium between sunspace and attached room.

- Height of glazing

Sunspace / Outside (1,88 m) except between sunspace and balcony (full height)

-Description of shading

Internal : none
external : overhang shading on top of the window facing south



Before

The building is located in an old historical quarter in which there are several beautiful architecture constructions. The building is a large block of 88 apartments built in, 11 storeys high. The main facade is oriented South, which allows passive solar design to improve comfort and save energy.

Main features :

- Creation of glazed balconies - passive solar gain
- Solar Domestic hot water
100 m2 solar collectors
- Double glazing thermo-dynamic windows
- extra outside insulation
- Energy saving system on lifts and lighting



After

