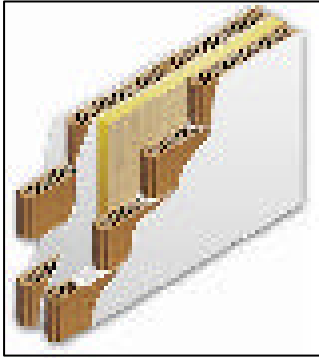


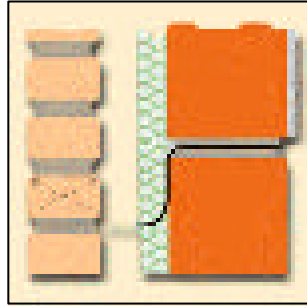
COMENIUS PROJECT SUSTAINABLE BUILDING

Light & Sound



Italy

We have: plaster , wall ,
insulation , wall , plaster.



Holland

we have: wall , air ,
insulation , wall , plaster.

In Van hall Institute

Italy

There aren't the
lowered ceilings.



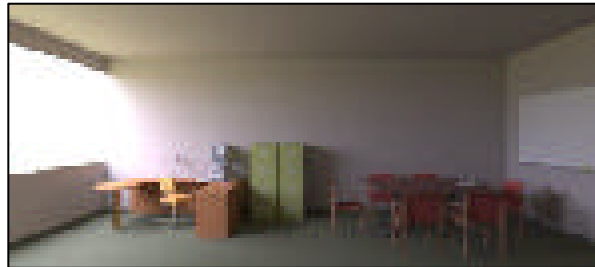
Holland

- Low ceilings,
so there isn't
echo.
- The wall is
made of
concrete
blocks.

The vertical windows are those more used.
the supply:

- the light of the day
- seen outside
- are useful for ventilation

The windows however present the problem
that the light of the sun isn't distributed
uniformly in the room.



Rooflight is used to illuminate the room by using
the sunlight.

Compared to vertical windows, they offer some
advantages:

- They are less frequently obstructed by trees
and other buildings
- They spread uniformly the light into the room.



17/02/06 Treviso

Tobias Havinga

Marcel Smit

Light And Sound

Massimo Gatti

Samuele Favaro