

## Technical specification for Lab-infrastructure

The organisation of the lab space over 2 floors enables to take into account special needs of each renter. The ducts for special equipment can be brought either from the ceiling or from the basement for maximum flexibility of the development of the activity each tenant.

All individual labs have access to technical ducts for technical equipment.

The laboratories are fully equipped with air conditioning and comfort ventilation. The horizontal distribution is planned under de ceiling. No conducts or electrical tubes are planned on the floor, this for a maximal flexibility of design.

An elevator with a charge capacity of 2 000 kg is provided.

The labs are designed as Biosafety level 1????.

### 1. Allowed charge on floor

The lab space is calculated for a total charge of 1 000 kg/m<sup>2</sup>.

### 2. Ceiling Hight

The whole lab area has a ceiling height of 3.80.

### 3. Power capacity

The laboratories are equipped for a charge of 500 W/m<sup>2</sup>.  
Charges above 100W/m<sup>2</sup> are possible but subject to a supplement.

An emergency generator of 250KW is foreseen for the whole building.  
If the needs exceed 250 KW, the equipment will be charged to the renter.

### 4. ICT

The principle of the building is a redundant optical fibre to the customer. The internal distribution is at charge of the renter.

No no-break is foreseen in the basic equipment.

### 5. Access control

Each separate unite is equipped of an access control.

If needed an airlock may be installed at cost of the tenant.

### 6. Air conditioning

The laboratories a equipped by an air condition system for comfort.

The specific cooling systems needed by the renter are not provided.

### 7. Ventilation

The laboratories are equipped of two separate systems for ventilation.

- comfort ventilation: mechanical ventilation with heat exchanger for a maximum exchange of 8 volumes/h (30,4 m<sup>3</sup>/h)
- technical ventilation: extractors for technical hoods – 1 hood per 35 m<sup>2</sup> of lab space. The hoods are not provided.

### 8. Fluid pipes

Pipes for special fluid can be provided to the technical. The service ducts are designed to permit the installation of specific fluid pipes.

### 9. Water supply

A water supply point is foreseen per 100 m<sup>2</sup> of lab space.

### 10. Flooring

A linoleum flooring is provided in the lab space.