

Building specifications

STRUCTURE:

Structure: Reinforced concrete, in the form of rectangular and/or circular section porticoes and edge and/or flat beams according to the spans.

Foundation: Reinforced concrete, in the form of separate footings joined by bracing beams and foundation slab.

Floors: Reinforced concrete, reticular floor system with recoverable trays.

ROOF:

Walkable area: Non-slip tiled floor.

Rolling area: Mechanically float-finished concrete with quartz and corundum reinforcement.

OUTER WALLS:

Vibrated concrete outer walls 25cm thick

Outer wall cladding of lacquered sheet metal panels and 0.8mm outer steel sheet.

Continuous self-supporting "Hiberlux"-style glass curtain walls in the offices area.

CARPENTRY:

External window frames in lacquered aluminium with "Climalit" type double glazing.

Metal frames in access and pedestrian areas.

GENERAL INSTALLATIONS IN THE BUILDING:

Fire-detection and alarm installation in communal areas and garages.

Fire hydrant installation in communal and garage areas, fed by the community pressure unit and water tank.

Automatic sprinkler installation in garages, fed by the community pressure unit and water tank.

The building is equipped with two 2x630 kVA transformer substations, for its own supply.

There will be normal and emergency lighting in all the communal areas and garages, as well as the various control panels and fuse boxes.

Lifts for upto 8 people: 4 lifts.

Outside panel for electric entryphone.

INTERNAL FINISHINGS IN WAREHOUSES AND OFFICES:

Mechanically float-finished concrete floors reinforced with quartz/corundum.

Exposed reinforced concrete reticular floor slab.

Vibrated concrete block walls.

Piping for the electricity supply line. The planned load in the various premises is in accordance with the Low Tension Electrotechnical Regulation recommendations:

TRADING WAREHOUSES = 10,000.00 W

INDUSTRIAL WAREHOUSES = 125.00 W/m²

OFFICES = 100.00 W/m²

Cold water supply line with a dividing meter, with a communal water tank and pressure unit for the whole building, and a general meter.

Pre-installation for air-conditioning in offices.

Connection points in all warehouses and offices for communication between the private detection and alarm systems installed in each of the premises and the building's central fire-detection unit.

Each of the premises will have a water point with a cut-off valve for potential connection to the premises' sprinkler system.

Each of the premises will constitute a single fire sector and be equipped with the sectorization units needed in accordance with the specific regulations. All doors are RF-60 fire breaks except the roll-up doors in the stores and garages, which will be PF-30.