

ACROPOLIS GARDENS

Technical Terms & Specifications

BUILDING SPECIFICATIONS

The building – Description

The building complex is composed of five 6-storey buildings whereby at the ground floor the parking spaces and the stores are located. The penthouse six floor apartments will have at the disposal most of the roof space that will be formed accordingly. Part of the building's roof will be communal.

Structural specifications

Building's Energy Characteristics: All apartments have class A' Energy Coefficient with low CO2 emissions, environmentally friendly.

Frame: The frame of the building will be of reinforced concrete. The ceiling verandas and living room ceiling will be fair face concrete.

Walls: The masonry infills will be constructed of 250 mm thick bricks and three coats of render internally. Externally a thermal insulation system will be applied. The interior dry wall system includes rockwool. The separating walls in-between apartments will be constructed from brick walls 200 mm thick.

Roofing - Waterproofing: 80mm extruded polystyrene. Non-reinforced concrete, 4mm asphalt membrane insulation, extruded polystyrene on the roof. Non-reinforced concrete and cement based water insulation on the verandas and all external floors with cement base waterproofing. .

Floorings: All internal conditioned spaces with underfloor heating will be covered with screed on lightweight concrete sublevel for covering services.

Paint-work: Three coats of emulsion paint on interior walls in general. Three coats of emulsion and spatula on interior ceilings. Sandex paint and spatula on exterior ceilings. Oil paint or hummerite paint on the metal surfaces of railings. Oil paints in general will be applied in three coats (primer, undercoat and finish).

External works: General earthworks and concreting works for the shaping of exterior spaces. Low concrete walls on the ground floor at a height of 1m. Construction of public pavement at the entrance of the building and landscaping.

Plumbing: Water supply will be achieved with a pressurised plumbing system of pipes of a minimum 15mm diameter, hot water return pump, solar collectors with an electric immersion heater, sewage /drainage and drainage gutters on the terrace for rainwater. Water tanks of 1 ½ tons capacity for each apartment. Hot water supply system will be achieved via solar collectors and electric element.

Mechanical works: Water underfloor heating system with electric heat pump chiller system of high energy class for each apartment. Supply and Installation of air-conditioning split-units on the bedrooms and concealed fan coils on the dining/living room. Mechanical ventilation for interior lavatories/bathroom.

Electrical works: Photovoltaic system on the roof for renewable source of energy. Installation of electrical parts of European manufacturer. At least 15 free plug sockets, 2 telephone outlets and 3 television outlets to be included for the 2-bedroom apartments. At least 20 free plug sockets, 4 telephone outlets and 3 television outlets to be included for the 3-bedroom apartment. At least 25 free plug sockets, 5 telephone outlets and 5 television outlets to be included for the 4-bedroom apartment. High quality video-phone (intercom) system, electric immersion heater and two-way light switches in the bedrooms. In the kitchen all fitted appliances will be wired inside the walls by a spur fused unit and will include points for oven, microwave, kitchen hob, washing machine, dishwasher, refrigerator and extractor fan.

Elevator: Installation of one 6-person elevator with an alarm system in case of emergency.

Metal works: Anodised aluminium windows and doors with double-glazing. Aluminium Electrical Venetian blinds of external use for the bedroom windows and doors. Metal balustrades to staircases. Metal railing on the verandas.

Wood works: Interlocking doors. DIERRE armoured entrance door. LOVE kitchen model and bathroom counters. The countertops will be made of technogranite. Giessegi brand wardrobes up to a height of 262cm.

General: Letter boxes will be installed at the entrance hall of the building, one for each apartment. Central television system will be installed on the roof.