

TECHNICAL DESCRIPTION

Excavations:

- The excavations become in-depth where is ensured cohesive ground capable it accepts pressures of sandals, beams and remaining elements of the foundation.

Concrete manufactures:

- Concrete skeleton: it is constructed by concrete C 16/20.
- Concrete floorings: it is constructed by concrete B 160.

Foundation: the cohesive ground is covered with concrete B 160, named “concrete of cleanness” and thereupon the foundation has been constructed.

Insulations and draining works:

- Heat insulation of exterior walls: The walls are constructed by double layer of bricks with heavily type insulating material intermediarily.
- Heat insulation and water proofing of flat roof: The surface of flat roof is covered with DOW 5 cm plates for heat insulation. These insulating plates are covered with a concrete B 160 layer of variable thickness from 20 to 10 cm so that to ensure an inclined surface for preventing water to stay on the flat roof surface. The concrete flooring and the adjacent low walls are covered then with bitumen cloth for water insulation. To improve the water insulation the surface of the bitumen cloth is covered with tiles.
- Water insulation of underground walls: externally the concrete low walls of undergrounds are double coated with two components water resistant material (CEREZIT, CR65 and CC81 of German company CIKA, or other of similar or higher specifications material). For more protection and ventilation above the two coatings with CEREZIT is placed a special plastic membrane (filter: PROTECT).
- Draining of rain waters: A draining channel is constructed, that it runs across the foundations of each residence. It is constituted by plastic pipes $\Phi 160$ that bring slots on the upper part which are covered with a layer by gravel of thickness 30 cm. The channel is then covered with soil.
- Flooring of ground floor / underground: A stiff layer of stones is placed above the concrete of cleanness and it is supplemented with a layer of gravel of thickness 25 cm at least. Inside the layer of gravel they are placed two plastic pipes $\Phi 125$ for draining out of the building any chance waters (i.e. if some damage occurs in the draining system below the floor).

Wall construction:

- The exterior walls are composed of a double layer of bricks and in between of layers a heavily type heat insulating material is placed. The internal walls are composed of one layer of bricks. The walls are coated with strong plaster

Floorings and wall decoration:

- Floorings and scales of internal spaces and balconies except baths and WC. Tiles of the Spanish factory GOMEZ GOMEZ, Group 5, selection A are placed.

- Floorings and walls of baths and WC: Tiles of Spanish factory GOMEZ GOMEZ, Group 3, selection A, are placed. Tiles are placed on flat walls only from the floor to a height of two metres (2m). A border of half a tile is placed on the walls, just above the floor.
- Kitchen: Decoration tiles are placed on the wall between benches and cupboards.
 - Verandas: Floorings and scales are covered with Katystos plaques. Generally, the type of exterior paving and the way of coating are selected by the constructor after architect consultation, so that the best technical and aesthetic result is ensured.

Hygiene items:

The items reported below may be replaced from other items the same or better quality.

- Basin of bathroom: set Victory, factory ROCA Spain
- Basin of WC: factory CAROMA Australia
- Batteries of bathroom and kitchen: factory DANIEL Italy
- Battery of WC: factory FIORE Italy
- Siphons of bathroom: factory DANIEL Italy
- Bathroom sink-furniture and WC-mirror: factory DILANI Greece
- Kitchen sink: Granite type, factory MINOS Greece
- Accessory INDOX CROMO: factory SANCO Greece

Woodworks:

- Exterior windows(French windows), doors: They are constructed from Swedish wood.
- Internal doors: They are constructed from MDF
- Kitchen cupboards: They are constructed by coated MDF. Dimensions according to the architectural drawings.
- Wardrobes of bedrooms: They are constructed by melamine with internal investment (box). Dimensions according to the architectural drawings.
- Pergolas: wooden pergolas will be constructed in verandas and the balconies, as indicatively it appears in the architectural drawings.

Iron constructions:

- In the scales of two or three-storied residences are placed iron railings for reasons of safety and aesthetics. In residences with ground floor and basement an iron scale will be constructed. The steps of the scale will be made from wood.

Heating:

- The residences are provided with sufficient three phase electric installation so that thermal bodies or even air conditioners may be used. The householders are responsible for the purchased, installation and the relative expenses.
- Fireplaces are constructed according to the architectural drawings.

Hydraulic installation:

- Water supply: Each residence is provided with independent supply of water from the central network. The water is guided to the residence with a plastic pipe of diameter $\Phi 22$. The essential switches of spherical type are included also.
- Supplies of hot water: from electric heater to the kitchen and the bathroom.
- Siphons: plastic heavily type.
- Baths, WC, verandas courtyards: Piping from coated with plastic copper $\Phi 15$.
- Flat roof drains: Dimensions 6x10.
- Courtyards and verandas: Taps and switches of spherical type
- Sewerage: Each residence will be provided with combination of septic and absorbent cesspool. The sewerage begins from the higher point of each residence with plastic pipe $\Phi 100$ and reaches the cesspool with a pipe $\Phi 140$. The connections are made by shafts of heavily type.

Electric installation:

Generally

- Exterior network: Three phase underground and in certain points lines above the ground from the central network up to the exterior wall of each residence
- Internal network: The supplies are three phase 5x10 and are extended up to the exterior wall of each residence
- Electric Boards: Three phase boards SIEMENS. In the three level residences will exist a second small sub board in the first floor.
- Switches and sockets(German type): Factory LEGRAND

Specifically

- Bedrooms: Roof light 1, sockets 3, TV sockets 1, telephone socket 1, air condition line 1, heat device line 1.
- Room of Reception: roof light 1, sockets 3, TV socket 1, telephone socket 1, air condition line 1, heat device line 1.
- Kitchen: roof light 1, sockets 4, water heater line 1, electric cooker line 1, cooker-hood line 1, melodic bell 1
- Bathroom: Mirror light 1, washing-machine sockets 2, water heater line line 1, heat device line 1
- WC: Mirror light 1, heat device line 1
- Corridor: roof light 1
- Verandas: entry light 1, French window light 1, sockets 1, bell button 1.
- Backyards: entry light 1, sockets 1
- Balconies: light 1

Colorations:

- Materials of the Greek factory VIVECHROM are used All surfaces, of the walls, doors and windows are properly processed to become smooth and the porous are filled with putty. When this process has been completed the surfaces are colored. More specifically:

Surrounding Space:

- Generally, the architectural drawing of surrounding space has indicative only importance. The final configuration of the courtyards around each residence, e.g. corridors, flower-beds, railings etc will be dictated by the land conditions and the rules of aesthetics and will be determined by the constructor after consultation of the architect. However the courtyards of each residence will be hedged with wooden railings from natural trunks of trees.