aromsa
YOUR CREATIVE FLAVOUR PARTNER

AROMSA NEW FACTORY HAS BEEN AWARDED THE LEED V4 PLATINUM CERTIFICATION LEVEL

The LEED (Leadership in Energy & Environmental Design) certificate is the world's most well-known and most required certification system for investments. This certification system aims to hold at the highest level the design, construction and operation of environment friendly buildings which are committed to environmental values and the health and work comfort of the people. Depending on your positive implementations it is possible to obtain one of the 4 different levels of the LEED certification. AROMSA having completed this project for a sustainable future with outstanding performance has aimed for the PLATINUM level and has reached its goal.

AROMSA with this PLATINUM certificate has won a place among the unique Platinum projects in the world.

The rating for the evaluation was done in these main categories.

1. Integrative Process
2. Location & Transportation
3. Sustainable Sites
4. Water Efficiency
5. Energy & Atmosphere
6. Materials & Resources
7. Indoor Environmental Quality
8. Innovation in Design

<u>What were our model implementations that qualified us for this certificate?</u>

- Starting with the demolition of the old building, all construction scraps were collected separately and sent for recycling, iron – concrete – glass and all other scraps were separated from each other.
- We preferred local products as much as possible in all the materials we procured, thus decreasing the carbon emission during transportation. For example, we supplied the concrete from a plant nearest to us. This way we were able to cut down the number of transportations.

- In all our procurements we used environment friendly products with recycling certificates.
- The design of the building focused on making use of light as much as possible, so taking into consideration the loss of heat, details allowing the maximum light to get in were used in the ceiling and the facade.
- All lighting equipment, glass, woodwork, air-conditions, pumps, chillers, sink fixtures, sensors and elevators were selected from among models with high energy efficiency and high energy conservation.
- Rain water during the winter and fall and condensation water from air-conditions on cooling mode used during summer and spring will be stored in our grey reservoir to be filtered to irrigating our gardens on the roof and the terrain with grey water.
- Parking areas were built for bicycles and electric vehicles. Electric vehicle users will be able to recharge their vehicles in our parking area.
- In order to reduce heat island effect, suitable coating materials and colors have been used on the building façades and the terrace. We have planted edible fruits and vegetables in 30% of our landscaping area, thus creating an organic building.
- Remotely monitored digital meters have been purchased and fitted in order to observe water and energy consumption and to interfere in case of potential problems.
- A solar energy plant was built as green energy source with solar panels of 100 kwP.
- We have installed a lighting and climatization automation in our building.
- Circuits installed to shut off the internal unit of the air-conditioning when windows are opened in offices and R&D areas will prevent unnecessary energy consumption.
- In order to keep the indoors comfort level at its highest, smart and variable air flow systems have been installed to measure the minimum oxygen level and interfere in case of a drop in these levels.