

ENERGY TOWER

Tower for recycling of compressor- and air-condition heat.



PROJECT: 2004-017-0034

Tower for recycling of energy using heat exchanger for air and cooling water.

LOCATION: Darlaston, West Midlands, GB

PRODUCTS USED: 800 m2 sandwich elements

ARCHITECT: Mason Partnership

CONTRACTORS: Bryant

SPECIFICATION:

Requirements for the construction of new energy towers:

- 1 Structure were not affected by the water outside and inside.
- 2 Maximum hygiene safety in the treatment of water and air.
- 3 Optimal retrieval of energy supplied.

SPECIAL BUILDING POINTS:

BUILDING TIME:

CONSTRUCTION TIME: 83 days.

TECHNICAL INSTALLATIONS: 10 months.

MAINTENANCE: Provides a safe routine and easy maintenance, both inside and out.

HYGIENE: Prevention of Legionella bacteria flourish.

ENERGY: 38% savings in energy consumption.

ECONOMY: The investment is repaid after four years.

SPIN OFF:

Easy to glue advertising signs to the surface.

Dry entrance to the mall between towers.

Mechanical background noise in the trading house greatly reduced to a minimum.

