



**KALLIERGOS O.T.M.**  
CONSULTING ENGINEERING COMPANY

**CLIENT:**

MICHELIN ELASTICS

**PERIOD:**

2005 - 2006

**CONTRACTOR:**

BETANET S.A.

## INDUSTRIAL BUILDING OF MICHELIN IN AVLONA ATTICA

**DESCRIPTION:**

New single storey commercial warehouse building. Overall dimensions 109x82m  $\approx$  9000m<sup>2</sup>. Clear height 7.60m, maximum height 9.6m. Secondary building structures 700 m<sup>2</sup>, height 5m.

Structural system:

- Precast reinforced concrete columns
- Precast-prestressed concrete main beams 18m span length.
- Precast reinforced concrete secondary beams of triangular side elevation shape in interchange with steel trusses of the same shape (20m span length). (Sections 1, 2 respectively).
- Box footings.
- Roof cladding: steel sheets of trapezoidal section.
- Side cladding: combination of precast reinforced concrete panels and steel sheets of trapezoidal section.

