

# ELEVETOR

## DA VINCI SHOPPING CENTRE

**Location:** Fiumicino (Roma), Italy

**Project:** “Da Vinci” shopping centre

**Structure:** foundation fill, shopping floor

**Total surface:** 68,172 sqyd

**Product used:** ELEVETOR H100



Fig. 1  
Elevetor installed



Fig. 2  
Finished pour



Fig. 3  
Satellite view



Fig. 4  
Finished shopping centre

Elevetor was requested by the design engineering in order to reduce the loads onto the soil underneath, which has a poor load-bearing capacity. The use of Elevetor made it possible to fill the foundation with a lightweight structure much lighter than the soil removed from the excavation; the characteristics of the system made it possible to create a high load-bearing slab without negative ground settlement effects. The cavity created was also used for the passage of systems and piping.