

DuPont™ Typar® SF Geotextile

CASE STUDY



- **Project title**

Typar® SF under Moscow's biggest shopping mall

**Period**

July-August 2002

Place

Ikea-Auchan mega mall center
in Moscow/ Russia

Sponsor/owner

Ikea

Ground work contractor

Bouygue Batimant

Typar® SF style

Typar® SF40

Surface

25 000 m2

• Project background

Eastern Europe's biggest shopping and entertainment centre, the 150,000 square metre Mega Mall, opened last year in Southern Moscow. A total of 150 shops covering 120,000 square metres of retail space opened in the Mega Mall. It has a food court with eight fast-food outlets, seven sit-down restaurants, 19 cafes and seating for 3,000 diners. The Mall, with major retailers such as Swedish furniture maker IKEA and French supermarket chain Auchan, attracts 25 million visitors a year and handles up to 170,000 visitors on peak days.

Ikea, which already has two stores in the Moscow market, is financing the project by itself. To create the 30500m² surface of its store, Typar® SF40 was used for the foundations of the building. Typar® SF40 was specified as a separator and filter between the soil, the drainage layer and the concrete foundation.

• Typar® SF benefits

As Typar® SF combines a high initial modulus (first resistance against damage during installation) and a high elongation to, it has a significant level of energy absorption, which guarantees a high resistance to damage during installation. Furthermore, Typar® SF is the ideal filter for this situation. Its pre-compressed structure ensures long-term performance without clogging.



Further information is available
on the web, at

www.typargeo.com

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