

ELASTIC BETON®

ELASTIC BETON® is a self-consolidating concrete to provides better concrete surface quality, minimum segregation, easy pouring and placement quality and offers unique solutions for all phases of construction applications.

Constituents of Concrete

During ELASTIC BETON® production, according to the national-international standards qualified materials are used. All the process from production to casting is 100% controlled.

Cement: CEM I 42,5 R type cement is produced by OYAK Cement Group. Different cement type can be use by project requirements.

Aggregate: All aggregates are obtained from special resources.

Chemical Admixture and Mineral Additive: Portland Cement compatible new generation super plasticizers and Flyash or Ground Granulated Blast Furnace Slag(GGBS) are used in ELASTIC BETON®.

Area of Use

- Dense reinforcing structures
- Fair face Concrete Surface needed structures
- Reinforcement and Restoration needed Structures
- Complex and detailed geometrical formwork application where vibration is inapplicable
- Under conditions where vibration is inapplicable
- Office, house, and art structures

Projects Of Used

- 7 Tepe 7 Tunel
- BJK Vodafone Arena Stadyumu
- Spine Tower Maslak
- II.Merhale Project of Istanbul Grand Potable Water



Properties of Fresh and Hardened Concrete

Consistency (Flow) Class	Viscosity Class	Slump Retention	Air Content (%)	Concrete Strength Class
SF1-SF3	T ₅₀₀ VS2	*2 hours	< 2,5	C35 and Upper

* in 20°C ambient temperature