

FIBRABET BETON®

FIBRABET® is a concrete with high elasticity, bending strength, impact resistance and providing reinforcement function with containing steel wire mesh. Providing synthetic micro-reinforcement system for concrete, especially, it has a option with containing polypropylene fibers to aim of reducing the risk of an early age cracks in concrete.

Constituents of Concrete

Cement: Compatible cement types are produced by OYAK ÇİMENTO A.Ş.

Aggregates: All aggregates are obtained from special resources chosen by petrographic analysis.

Chemical Admixtures: New generation super plasticizers are used in FIBRABET®.

Projects of Used

- Samsunport Harbour Project
- Yeşilyurt Harbour Project

Area of Use

- Synthetic fiber: Surfaces to be exposed to slight and medium level load, applications on grounds and sites with high risk of contraction crack due to windy conditions and high temperature in summer; by roads of parking areas, pavement concrete, parking areas, environmental arrangement applications for terraces and gardens .
- Metallic fiber: Any kind of floor application requiring steel mesh, Areas where iron reinforcement is forced and extra resistance is required, Environment and parking areas with medium and heavy traffic load, Areas exposed to vibration, Structures exposed to pressurized water, Concrete roads, Barrier walls, Buildings with the danger of explosion, Ports, shipyards, Retaining walls



Properties of Fresh and Hardened Concretes

Consistency (Slump) Range	Slump Retention	Total Air Content	Concrete Class
S1-S3	* 1 hour	< 2,5 %	C20 and above

* in 20°C ambient temperature