

**PANAYIR RIVER PROJECT**  
**BURSA, MARMARA, TURKEY**

## Channelling Works

**Problem**

Panayir River Reclamation Works

**Solution**

Mattress gabion was chosen as the ideal solution.  
It is durable and long-lasting.  
It is flexible and suitable for different settlements.

The most important feature of gabions and mattress gabions is to protect long-term erosion by integrating with the environment.

Mattress gabions; used in coastal fortification applications, stream improvement and erosion control (bridge piers, canal line, etc.) projects; They are materials that are built by filling with stone and divided into equal cells with diaphragm compartments after being installed in the project application area to create flexible, permeable and monolithic structures.

**Client:** DSİ 1. BÖLGE

**Designer / Consultant:** MACCAFERRI TURKEY

**Contractor:** DOĞAY MÜHENDİSLİK İNŞAAT

**Products used (Qty.)**

- Reno Mattress 20.400 m<sup>2</sup>

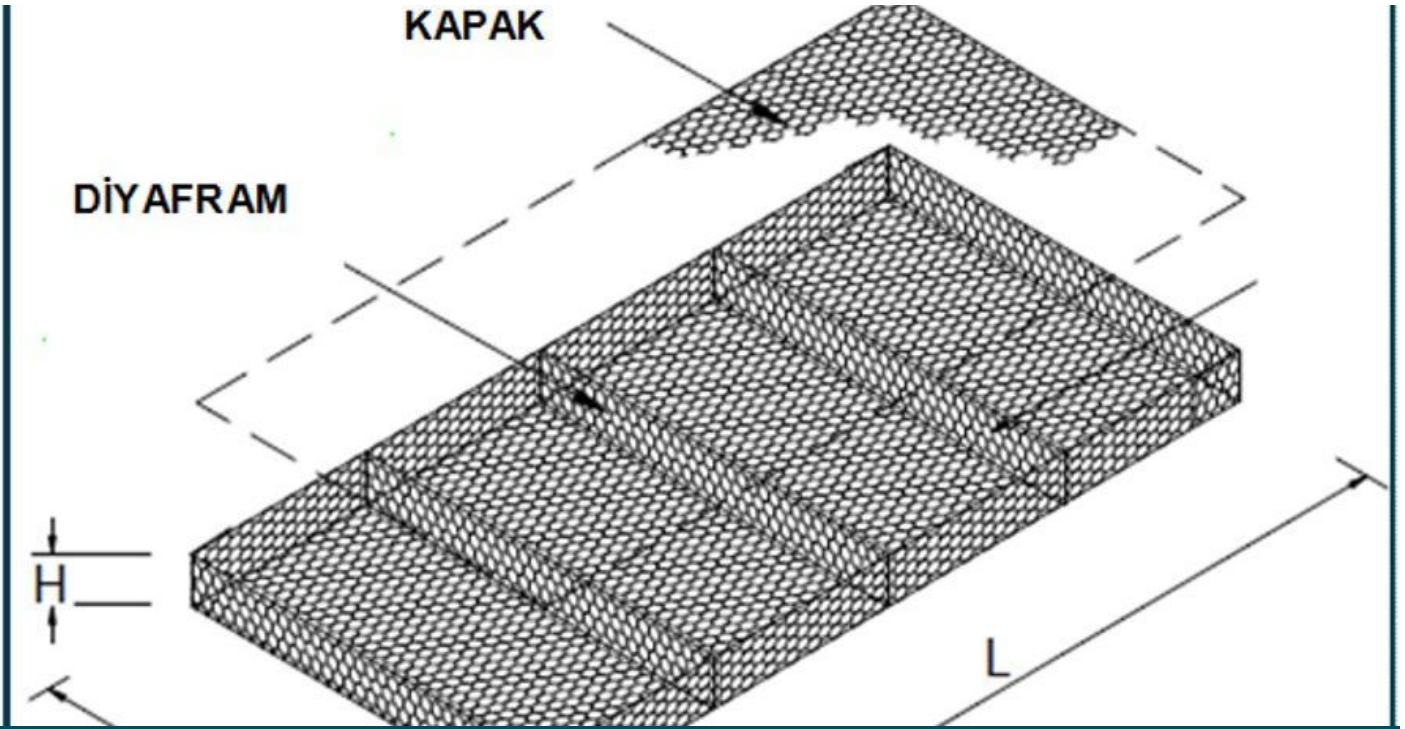
**Date of construction:** 10/2016 - 07/2017



After The Application



After The Application



Mattress Gabion Structure