



BEHINE SAZANE SAJAD Co.

## BEHSAD Textile Solutions

### EROSION CONTROL PRODUCTS

Simple, Cost-effective Erosion Control for :

Ditches  
Channels  
Streams, Rivers, or Canals  
Bridge Abutments  
Check Dams  
Downdrains  
Landfills  
Ponds and Holding Basins  
Lakes and Reservoirs  
Dams and Spillways  
Dikes and Levees  
Coastal Shorelines  
Subaqueous Pipelines



BEHINE SAZAN SAJAD CO.(BEHSAD) has been founded since 2007 , mainly in manufacturing of woven geotextile and Industrial textile in special applications with it's specialists.

Our profession is to analyze and find practical solutions in manufacturing of Industrial textile by utilizing of variable base materials.

In this regard we use respectful labs facilities which comply with international standards.

Our technical innovations empower us in improving of quality and client contentment.

We have commitment to the Future.



#### Fabric formwork

Woven fabric for molding of concrete .fabric with suitable flexibility and high tensile strength can be applied for making complicated structures and different architecture designs. This kind of fabric permits draining of water and venting of air, so in concrete making procedure there is no need to vibration. In addition this kind of fabric have high durability, with no defect on environment and also prevents erosion of the concrete by the environmental impacts.

Woven fabric for molding of concrete can be applied for following products;

- Piping Support for offshore pipelines (Freespan)
- Molding of bridge foundation under water
- Construction of complicated architecture designs
- Molding under the rivers with no need to digress the river direction





## BEHSAD fabric forms

BEHSAD Erosion Control Systems are constructed by filling high-strength fabric forms with fine aggregate concrete (structural grout). As a result, they can provide superior performance to rip rap, cast-in-place concrete, or precast concrete erosion control systems while providing significant reductions in construction costs.

BEHSAD fabric forms are installed as a continuous concrete forming system. They are filled by pumping fine aggregate concrete into the forms and can be installed either underwater or in-the-dry. Our forms create a highly durable concrete erosion protection system that outperforms traditional cast-in-place concrete slab systems yet costs less to install than rip rap, cast-in-place, or precast systems.

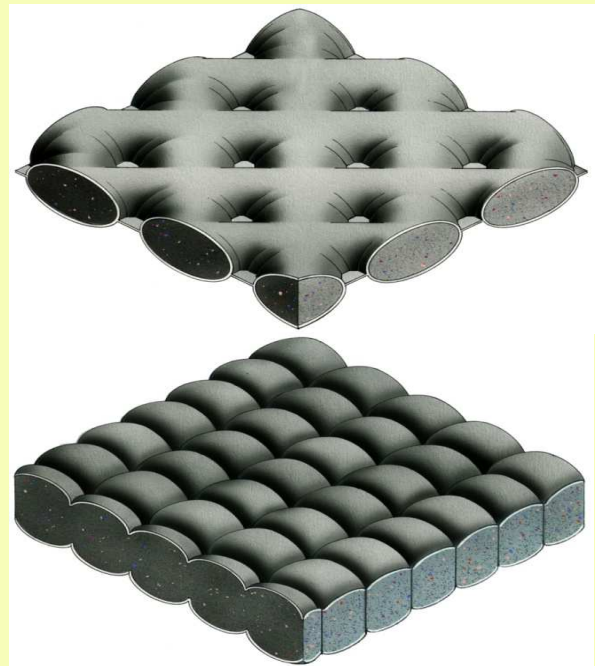
### Performance Advantages

- The various styles of forms allow the project designer to predetermine the surface contours of the system to slow or increase the flow of water over the surface of the system.
- The fabric forms adapt to minor variations in the contours of the underlying soil, providing greater resistance to undercutting and toe scour.

### Cost Advantages

- Transportation costs are kept to a minimum, since the fabric forms themselves are extremely lightweight. The fine aggregate concrete is brought to the site from the nearest concrete plant.
- Mobilization costs are minimized, since a small crew can handle the placement and filling of the forms.
- Material costs are low, since no additional forming components are required.
- Installation costs are reduced, since the only equipment needed at the site is a concrete pump, which
- can be located as much as 400 feet from the form site itself, an important consideration when sites are difficult to reach or surrounded by soft ground or water.

**Whether your job is to line a channel, construct a revetment, protect a bridge from scour, repair flood damage, or protect a shoreline or stream bank from erosion, BEHSAD fabric formed concrete offers a higher performance alternative to conventional methods at a far lower cost.**









## Projects of BEHINE SAZAN SAJAD CO.(BEHSAD):

### 1 –Fabric formwork for freespan Correction

Project : South Pars Phase 15,16 Pipeline - 1 st Stage

Client : IOEC / RAL Co/ force offshor kish .

Status : Done

### 5- fabric Erosion Control Systems

Project : siyah rod river protection-sari

Client : Ministry of Roads and Transportation (Iran)/ bala rah shomal

Status : Done

### 2- Fabric formwork for freespan Correction

Project : South Pars Phase 12 Pipeline -1st stage

Client :IOEC / force offshor kish .

Status : Done

### 6- Fabric formwork for freespan Correction

Project : South Pars Phase 17Pipeline

Client :IOEC / force offshor kish .

Status :Done

### 3- fabric Erosion Control Systems

Project : Karon river protection-sed sharif

Client :Khuzestan water & power/Gelal rahe jonob .

Status : Done

### 7- Fabric formwork for freespan Correction

Project : FOROZAN

Client : IOEC / force offshor kish .

Status :Done

### 4- Fabric formwork for freespan Correction

Project : South Pars Phase 15,16 Pipeline - 2nd Stage

Client : IOEC / force offshor kish .

Status :Done