

Construction use of Filter Unit

Method	Application	Illustration	Note	Example		
Foot protection	Standard		The bag is used at the front of bank independently as foot protection. The installation methods are step piling and random piling.			
	Over brock		The bag is used on a foot protection brock. It may be used as a vegetation base with earth covering construction.			
	Under brock		By using it under a foot protection brock or a covering stone, an upside structure is stabilized from subsidence by sucking etc.			
	With other construction		The bag installs in wooden pile or other methods of construction at the inside, back and forth. The cooperation effect with other methods of construction is expected.			
	Protection of front part		Bank protection etc. are stabilized by installing the bag in the fronts, such as a gabion, a sandbag and a sheet pile.			
Foot protection of pier	Standard		The bag is installed around a bridge pier. It is possible to supply to a scouring part directly. (When there is running stone in the river, it is needed to use under a block.)			
Bank protection	Step piling		Step piling applies at a slope which becomes 1:2 or less(steep).			
	Level installation		Level installation applies at a slope which becomes more than 1:2 (loose)			
	Random piling		Random piling applies at the slope whose slope is about 1:1 ~ 1:2 and length of face of slope is also comparatively small.			
Bed protection	Standard		The bag is installed on the riverbed. In order to construct without gap, making grains of stuffing material small is desired.			
Backfilling			The bag is used for backfilling such as spur dike construction and covers with a block etc. An inside is stabilized with a bag.			
Emergency procedure			The bag is installed to a disaster place and erosion is prevented. An additional injection is possible because it has good flexibility.			
Temporary road Temporary partition			The mound is formed by bags, and it can be used as temporary roads, such as bridge pier construction.			
Others			Concrete mass can be used for stuffing material. And, there is an example which uses porous material for water quality purification.			