



221 SERIES GABION MATTRESS

GABION MATTRESS

All-Purpose Gabion Is a Great Helper for Infrastructure Maintenance.

PRODUCT DETAIL



Features & Benefits

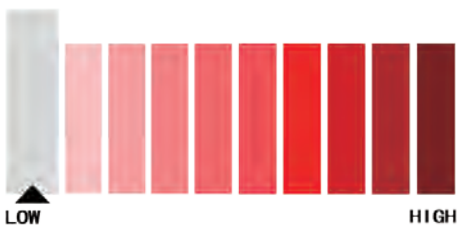
Brief Introduction

Gabion mattress is also known as Reno mattress or Mac mattress. It is similar to a gabion box but with a lower height at 0.3 m maximumly.

At SKYHALL® Fence, the gabion mattress is hexagonally woven by low carbon steel wire. And the surface of the gabion mattress is further galvanized.

They are usually filled with rocks to form flexible, permeable, monolithic structures. They will be applied to promote the rapid growth of natural vegetation for further use in the mountain or riverbank stabilization.

Protection Level



Applications



Functionalities



ENVIRONMENT-FRIENDLY

Gabion mattress is environmentally friendly. The blending of gabion mattress structure will protect the environment positively by way of promoting vegetation growth in the mattress. It helps to preserve and maintain the ecological balance of the surrounding environment.

PERMEABILITY

The permeable structure of gabion mattress allows the water to seep through while retaining the soil to the filled stones, therefore no additional drainage is required to relieve the hydrostatic pressures.

FLEXIBILITY

The woven mesh system is capable of withstanding unexpected and localized stresses due to ground settlements and scour by deflection while maintaining its structural integrity.

EASY TO BUILD

It's quite easy to build the gabion mattress even you don't have skilled labor. Just fill the mattress with stones and place it where you need. Baskets can be prefilled and launched to enable the installation under water.

DURABLE

The gabion mattress is produced from low carbon steel wires and the mattress surface is pre hot dipped galvanized and then PVC coated. All the treatments will promise a durable mattress for long time use.

AVAILABLE COLORS

All colors are available here for the gabion mattress, however, we recommend Silver, Dark Green of RAL6005, and Dusty Grey of RAL7037 as the reference colors since they are well accepted by most of our customers.

GABION MATTRESS

SIZE			WIRE			MESH
LENGTH	WIDTH	HEIGHT	MESH WIRE	SELVEDGE WIRE	TIE WIRE	MESH SIZE
2000	1000 2000 3000	170 230 300	2.0	2.4	2.2	60*80 80*100 100*120
3000			2.2	2.7		
4000			2.4	3.0		
5000			2.7	3.4		
6000			3.0	3.9		
			3.4	4.4		
			3.9	4.9		
WIRE TYPE		HOD DIPPED GALVANIZED WIRE GALFAN WIRE PVC COATED WIRE				

CUSTOMIZED specifications acceptable.

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SKYHALL® Fence was established to provide a one-stop solution for metal fencing products, such as security fences, temporary fences, decorative fences, and pedestrian fences to accomplish our customers' fencing projects at the lowest costs and the highest reliability. If you want to know more about us, please visit our website www.skyhallfence.com

SKYHALL® Fence

We make fence ideal

<http://www.skyhallfence.com>