

Wholesale High Quality&Factory Price Plastic Geonet From China Plastic Geonet Manufacturers

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Geotechnical mesh cushion slope protection (plastic geonet factory price produced by the China plastic geonet manufacturers) is a new technology which uses active plants and geosynthetics to construct a self-growing protection system on the slope surface and reinforce the slope through the growth of plants. According to the characteristics of slope topography, soil quality, and regional climate, a layer of geosynthetics (high quality plastic geonet) is covered on the slope surface and a variety of plants are planted according to certain combination and spacing. The purpose of root reinforcement and anti-erosion of stems and leaves can be achieved through plant growth activities. After the treatment of ecological slope protection technology, dense vegetation cover can be formed on the slope surface, and roots with staggered roots can be formed in the surface soil layer, which can effectively inhibit the erosion of the slope caused by rainstorm runoff, increase the shear strength of the soil, reduce pore water pressure and soil self-gravity, thus greatly improve the stability of the slope. Anti-scouring ability.

Features of Plastic Geonet

Traditional bank revetment mainly protected by laying bricks or stones, the engineering cost is relatively high, and only pay attention to the basic function of the Banks of the river itself, they are susceptible to damage, don't trample resistance, and it needs to repair often, the landscape it unaesthetic, and separated from the revetment structure layer of hard biology and microbial and the contact of the earth, make the biological lost survival environment, destroy the overall balance of river ecosystem. For this reason, Europe, America, and Japan have done a lot of research on the ecological construction of riverbanks and proposed a new biological bank protection method with environmental protection function – high quality plastic geonet for sale grass planting and reinforcement technology of riverbanks slope.

The main raw materials for the study of the interaction between plastic geonet for sale and subgrade soil in the laboratory are high density polyethylene (HDPE) resin with high strength, good weather resistance, good chemical resistance, and good processing performance.

Plastic Geonet Characteristics

1. Prevent subgrade cracks and collapse.
2. Enhance the foundation, dam slope, improve the stability of roadbed and reduce the area occupied;
3. It can bear a heavy load.
4. Shorten the construction period; wholesale plastic geonet factory price produced by the China plastic geonet manufacturers specifications and performance parameters can also be constructed under harsh environmental conditions.

5. Used for pavement reinforcement, so that grids and pavement materials are integrated together, plastic geonet effect of decentralized load transfer, to prevent pavement cracks.



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Parameters of Plastic Geonet

Item	CE121	CE131	CE151	CE181	DN1	HF10
Weight per	730±35	630±30	550±25	700±30	750±35	750±35
Weight per s.q.m	(8±1)*(6±1)	(27±2)*(27±2)	(74±5)*(74±5)	(90±5)*(85±5)	(10±1)*(10±1)	(10±1)*(6±1)
Net width (m)	2.00+0.06	2.00+0.06	2.00+0.06	2.00+0.06	2.00+0.06	2.00+0.06
	Or 2.50+0.06	or 2.50+0.06	or 2.50+0.06	Or 2.50+0.06	Or 2.50+0.06	Or 2.50+0.06
length of the roll (m)	2.00+0.06	2.00+0.06	2.00+0.06	2.00+0.06	2.00+0.06	2.00+0.06
	Or 2.50+0.06	Or 2.50+0.06	Or 2.50+0.06	Or 2.50+0.06	Or 2.50+0.06	Or 2.50+0.06
Maximum drawing	6.2	5.8	5.0	6.0	6.0	18

Application of Plastic Geonet

1. For roadbed reinforcement, the granular filling and mesh are interlocked to form a stable plane, which can prevent the filling subsidence, and can disperse the vertical load and adopt multi-layer reinforcement in areas with poor geographical conditions;

2. Paving in embankment and roadbed filling can increase its stability and reduce the area occupied;
3. For pavement reinforcement, mesh and pavement materials can be mixed together. Effectively disperse transmission load to prevent pavement cracks;
4. Can withstand a certain impact load;
5. Can withstand a larger alternating load;
6. Shorten the construction cycle;
7. Can be constructed under harsh conditions;
8. Can prevent pavement subsidence and cracks caused by boiling;
9. Can reduce the number of pavement materials;
10. Accelerate construction speed.
11. Protection of dam and rock surface. In order to prevent erosion and avoid landslides, rock loosening, and soil erosion,
12. River and bank treatment projects can be made into rectangular, square or tubular stone cages, which can be directly installed underwater to divert and protect, because they are flexible, permeable, not eroded by sea water, and can absorb wave impact energy.
13. There is no need for expensive diving operations during construction. The shotcrete-anchor protective net around the tunnel.

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