Geotec™ Geonet

[Brief introduction]

Geotec™ Geonets are products of high density polyethylene by squeezed out forming net of square and rhombus and hexagon, which be widely used in many aspects of rock project which have chemical stability, excellent weather ability, resistance to corrosive and higher tensile strength and duration. These products have complete specifications and followings are introductions of geonets CE131 and geonets CE151 which have an broad Applications.

[Applications of Geotec™ Geonets CE131]

1. Geonets CE131 enable grainy material and grid combined together to format a stable flat surface which prevent filled material from sinking and distribute the vertical loads multiplayer consolidating can be used in bad geographical condition.

2. Be used in filled soil of road foundation and bank slope, making them further stable and minimizing land use.

3.Being used in enhancing surface of roads through combining grids and surface material can distribute and transfer the loads effectively and prevent roads from crack occurring.

4.Allow baring greatly clashing loads.

5.Allow bear greater alternating loads.

6.Shorten the period of the construction.

7.Allow construct insusceptbly under the bad condition.

8.Prevent road surface from crack commonly caused by surface turning over.

9.Save the quantity of the constructional material.

[Applications of Geotec™ Geonets CE151]

1.Protect the surface of bank and rock from being encroached, collapse, rock movement and losses of water and soil.

2.Geonets are also used in embankment projects of river and sea with great flexibility, well penetration, protection erode and absorb energy wave caused.

3.Geonets in rectangular, quadrate and tubular stone form which can be directly set underwater without diving cost much money.

[Specifications]

Item	Unit	CE111	CE121	CE131	CE131B	CE151
Width	m	2.5	2.5	2.5	2.5	2.5
Aperture	mm	(8×6)±2	(8×6)±2	(27×27)±3	(22×22)±3	(74×74)±5
Tensile strength	kN/m	2.0	7.68	5.80	6.40	1.82
Elongation at max strain	%	41.0	20.2	16.5	18.6	23.2
Tensile strength at 10% strain	kN/m	1.32	6.80	5.20	5.74	3.83
Notes	Application for special stipulated in contract will be available