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WE GOT YOU COVERED!

A SYNTHETIC PERMEABLE FABRICS THAT HAVE THE ABILITY TO SEPARATE, FILTER, REINFORCE, PROTECT OR DRAIN.
USED IN CIVIL AND ENVIRONMENTAL ENGINEERING.



BEVA GEOSYNTHETIC

GEOTEXTILE NON WOVEN

Made with Polyester (PET) or Polypropylene (PP) material in the form of thin and flexible sheets, that weight relatively light compared to other construction materials.

The weight of BV Geosynthetic-Non Woven Geotextile ranges from 150 gram/m²-600 gram/m² so it is easy to shape and work.

MAIN FUNCTION

- Separator
- Drainage
- Filtration
- Erosion Control

APPLICATIONS

- Separator in gabion construction
- Retaining wall solution
- Road construction
- Underground Drainage



- Embankment
- Revetment
- Etc

WOVEN

Woven Geotextile is a Geotextile sheet made of woven synthetic fibers with the addition of ultraviolet protection (UV) which has a high tensile strength, which is made to overcome problems for soil improvement, especially those related to civil engineering efficient and effectively, including to overcome the problem of making roads and embankments of soft and swampy soils.

MAIN FUNCTION

- Separation
- Soil Reinforcement
- Erosion Control
- Drainage and Filtration

APPLICATIONS

- Road Construction
- Embankment
- Reclamation
- Slope Reinforcement



- Dam
- Jetty/Breakwater
- Revetment
- Etc

GEOBAG

A bag made from Geotextile material (both Woven Geotextile or Non-Woven Geotextile) where the material filler is local material such as soil/sand so that a cushion or large bag will be used to replace the conventional coastal or river protection building structure.

BENEFIT

- Efficient and Effective
- Easy to use
- Environmentally friendly
- Resistant to sunlight because contain Ultraviolet
- Muffle ocean waves
- Economical price
- Easily filled with local material

APPLICATIONS

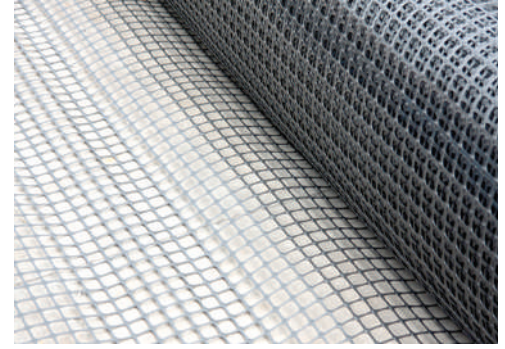
- Swampy Soil Construction
- Jetty
- Beach abrasion protector
- Embankment



BEVA GEOSYNTHETIC

GEOGRID

Material for soil reinforcement, retaining wall, slope repairs, construction of new roads on soft soil, etc. This material has made from raw materials Plastics either polyester (PET) and polypropylene (PP). Geogrid shaped like a net that can give strength to the slope reinforcement system that can build up over the restricted area.



Geogrid has a high tensile strength and low ductility.

ADVANTAGES

- High Tensile Strength
- Easy to use
- Using additional material (UV Protection) for long lifetime
- Geogrid has a lower price compared with concrete

APPLICATIONS

- Retaining wall & road construction
- Bridge abutment
- Landfill
- Dam, etc.

GEOMEMBRANE

Geomembrane is a synthetic sheet with small permeability (<10-13 ltr/m²/sec) so that it is widely applied as an impermeable layer.

Geomembrane is made from polymeric materials such as polyethylene, PVC and, polypropylene. Geomembrane can be added to the conductive layer to facilitate the control of leakage/geomembrane damage after installation with a spark test.



BENEFIT

- Low coefficient of permeability
- Homogeneity
- Easy to install
- High production standard

APPLICATIONS

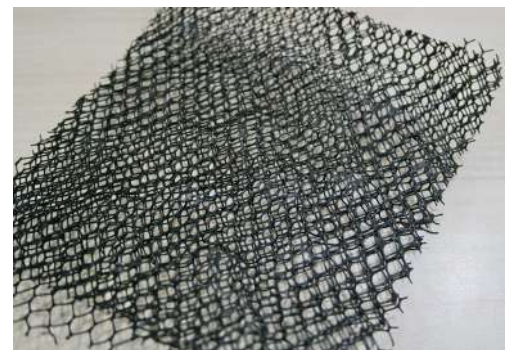
- Retaining wall & road construction
- Bridge abutment
- Landfill
- Dam, etc.

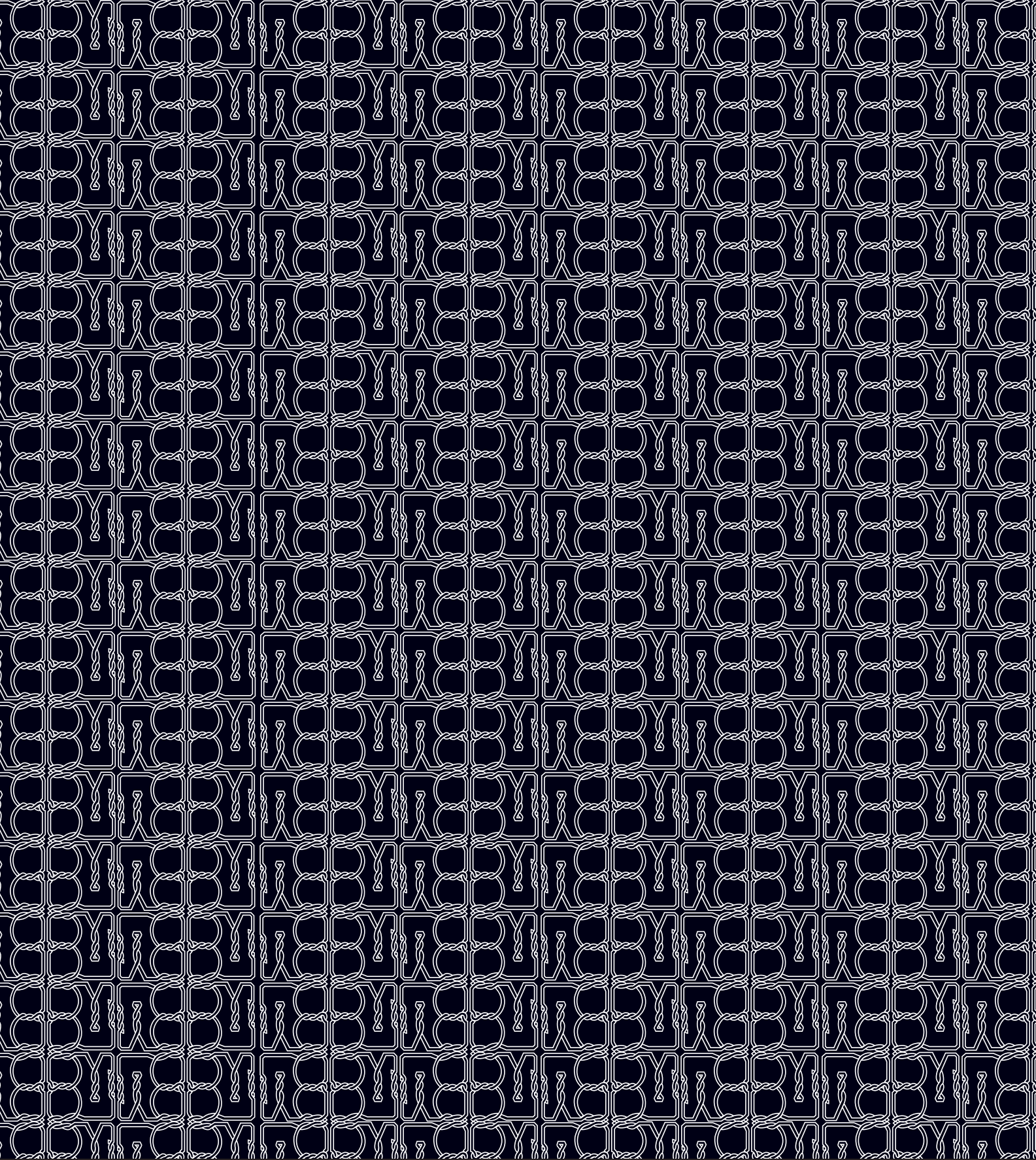
GEMAT

Three-Dimension Erosion drainage JW-Geomat is a kind of 3D structural geosynthetic, which is applied to keep the water and land, increase the greening area and improve the environment.

FUNCTION

- Preventing the surface of the land from the erosion of the wind and rain.
- Forming the compound protection layer with the plant, standing the wash-out of the high water level and high speed current.
- Replacing the concrete, asphalt and blocks, using in the slope surface combine with Beva Wire Netting for protection of roadway, railway and riverway.





 **BEVANANDA**

**"THE NO.1 TRUSTED STEEL MANUFACTURER
FOR WIRE PRODUCTS"**

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