

GEO SYNTHETICS



Polyethylene
Griped Liner

Polyethylene
Geomembrane Liner



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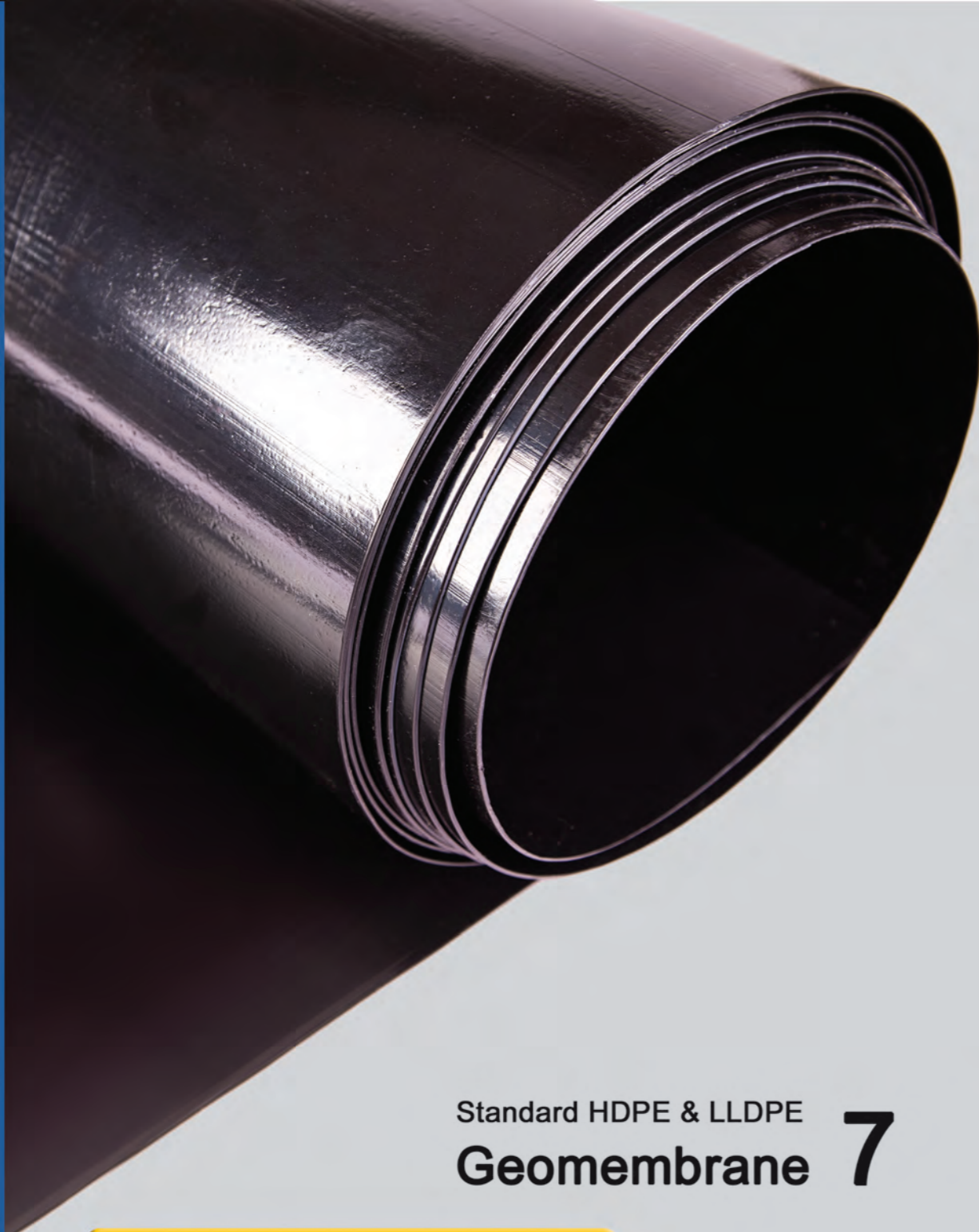
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Standard HDPE Geomembrane 7

Introduction

The foundation of the company is followed with carrying out the anticipated work schedule by setting up the vacuum thermoforming machineries in 1986. The need of plastic sheets drove the company to develop respective production line accordingly and the automotive parts production line along with growing the previous branches.

In addition to previous activities, the company joined the group of Geosynthetic products manufacturers by producing gripped liner in 2003. Soon after it has begun producing Geomembrane sheets. The company has gradually developed new geosynthetic products such as Geogrid, Wider Geomembrane, Geodrain, and Geocomposite ever since while taking the maximum rate of market share through its consistency in excellence. Thanking to the delivery of standard products and satisfied customers in the market, the company has gained a valuable reputation.



Standard HDPE & LLDPE
Geomembrane 7

GEOMEMBRANE

Both products precisely comply with GRI-GM13 and GRI-GM17 respectively and are widely supplied to the local and regional markets. Maximum width of both can be up to 7 meters. Products are characterized by their high impermeability and excellent chemical resistance. Application generally is in the projects where either of two mentioned properties are required. The quality of both has lifted up the name of the company to a top-notch brand.

INSTALLATION METHODE

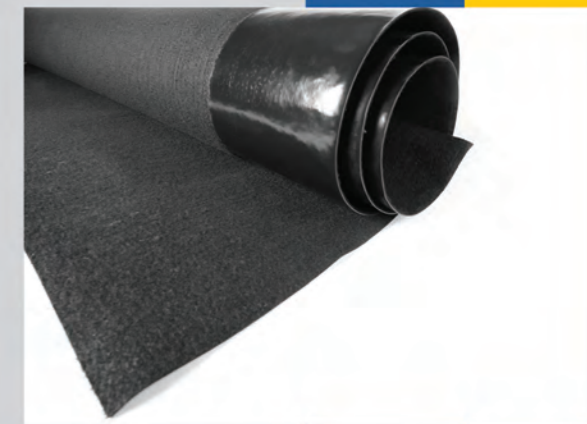
The procedure is accessible in www.farnambaspar.com

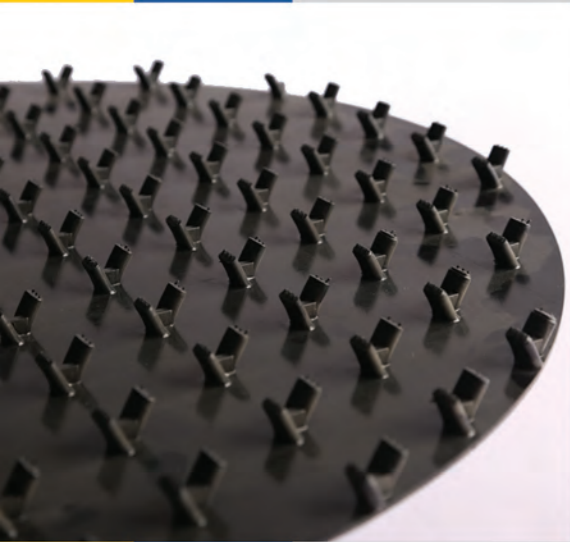
QUALITY CONTROL & TESTS

Quality assurance is achieved through running the related tests by means of modern test equipment in the well-equipped LAB ensuring that products comply with GRI-GM13 and GRI-GM17 standards just before leaving the factory.

GEOCOMPOSITE

This product is a combination of one or two layers of geotextile on one or two sides of Geomembrane when used on aggressive surfaces and are supplied in 7-meter width or lower as ordered.





GRIPED LINER

The product is normally produced in four shapes by the names of T-grip, Stud-grip, double studs and new V-gripe; and its maximum width is up to 3 meters. Commonly installed on concrete substances in manufacturing process to protect those against chemical attack which cause the corrosion, oxidation, or erosion. They are specially used in waste water networks and chemical liquid tanks.

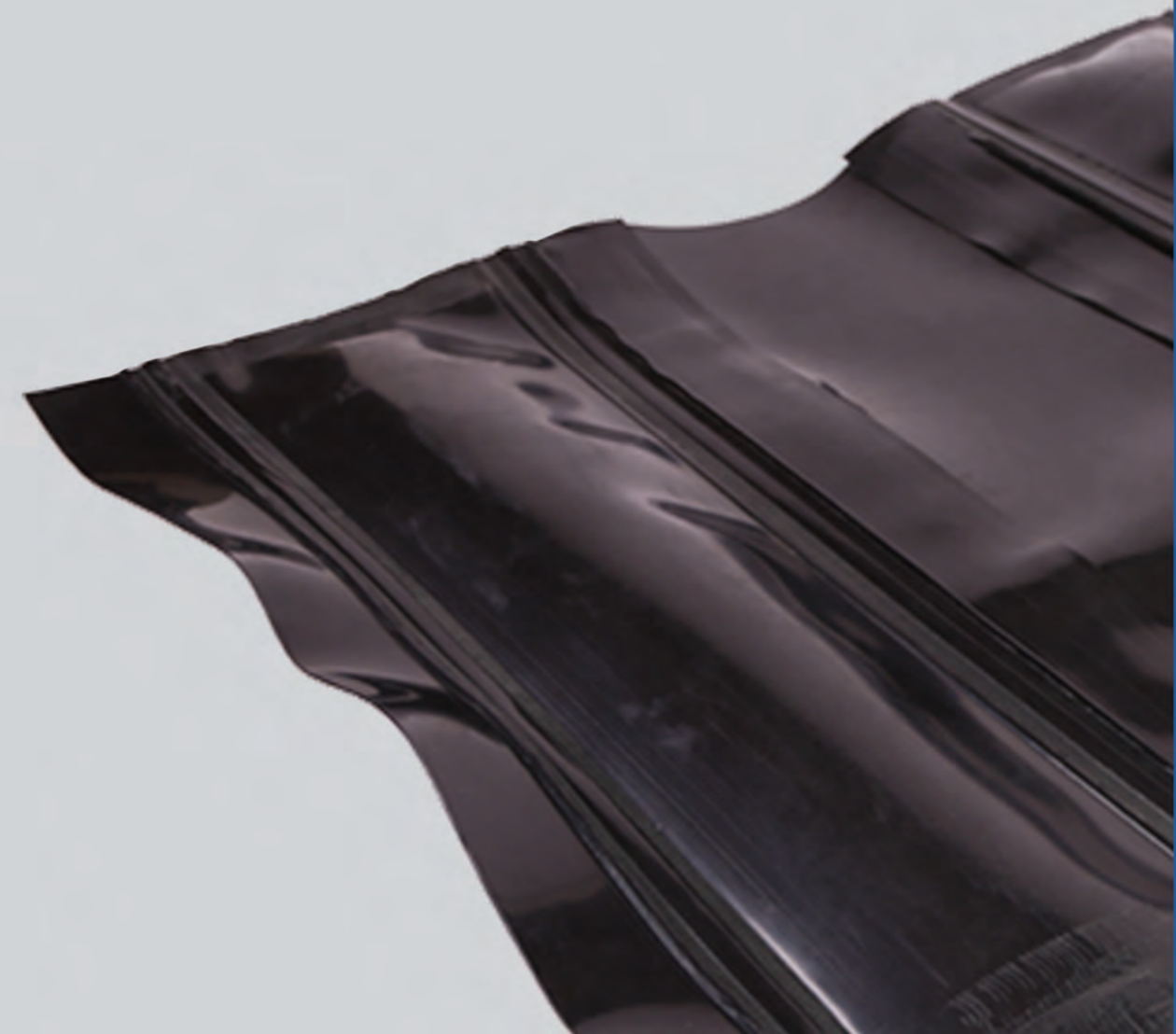
Applications

Registered patents of company

- a) Installing gripped liner to the concrete body of tunnels in which wet concrete is injecting into the mold in constructing state.
- b) Using the gripped liner for rehabilitation the corroded waste water networks including the pipes or irregular shapes.

Floating Geomembrane

This product is spread on the surface of the water in the ponds and suspended by installation of plastic bubbles under it or installed in the opening of the pond to prevent evaporation of content water. In recent method, it also helps to protect main lining layer to be saved against the UV radiation effect.



GRIPED GEOMEMBRANE

FLOATING GEOMEMBRANE

GEOSYNTHETICS

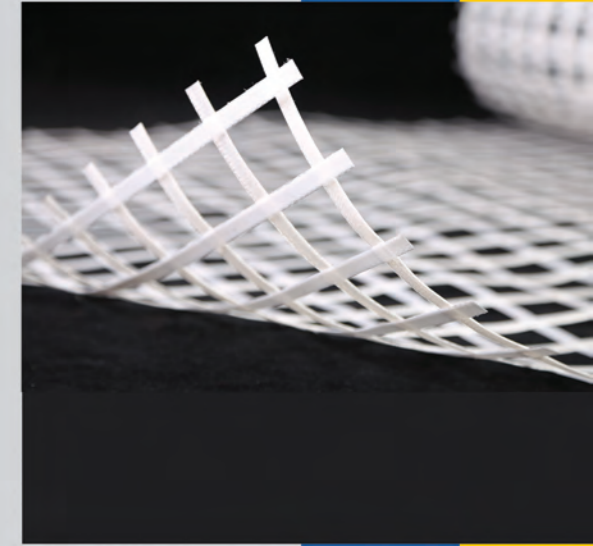


GEOGRID & COMBOGRID

This type of geogrid is the 3rd generation or the last version of two older products composed polypropylene straps including longitudinal and transverse welded together in perpendicular state by means of ultrasonic welding system.

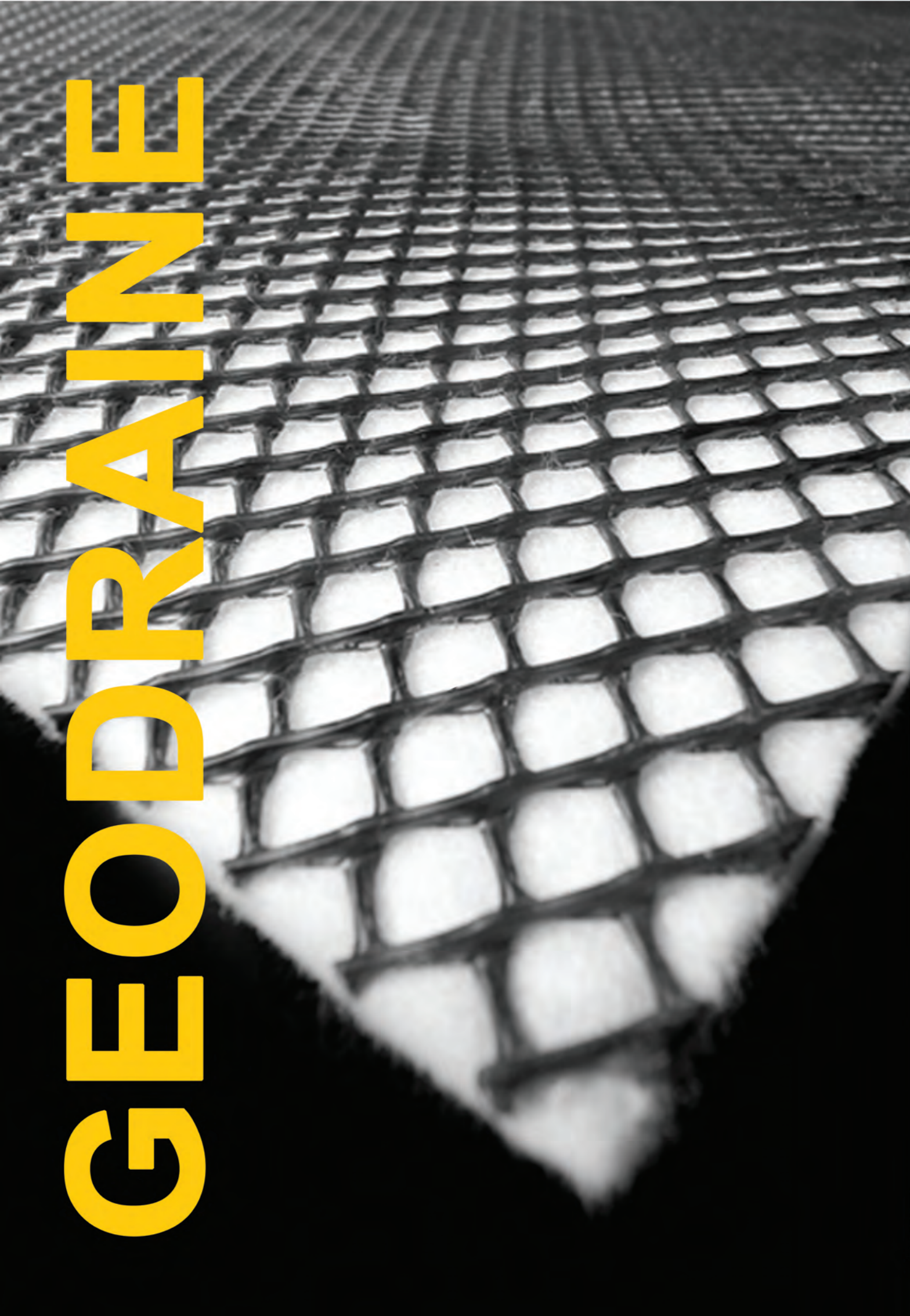
Applications

- Used in the infrastructure of the roads to reinforce the soil to prevent movement and in turn save the asphalt from cracking
- Strengthening the soil
- In slopes to prevent soil creep
- Retaining walls



GEOGRID ▪ COMBO-GRID

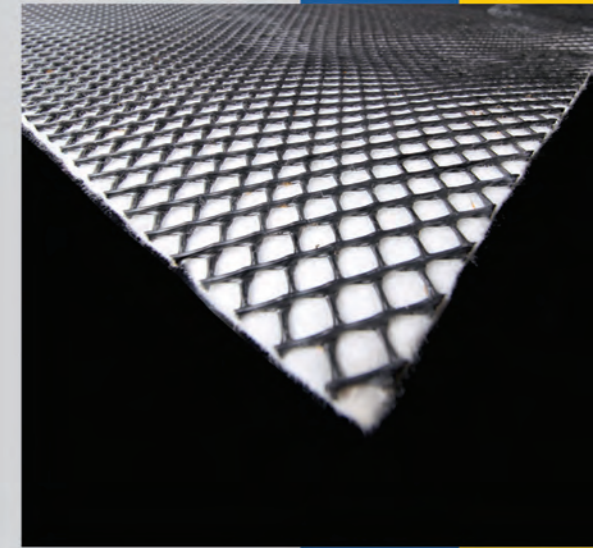
GEO DRAINAGE



GEO DRAINAGE

This is a layered or laminated product of Geonet or Geogrid and as the name suggests it is generally used for drainage underneath constructions sites as an example for its application.

The product might be produced in two or three layers on one or both sides; or in the middle of the straps by welding them together.



POLYETHYLENE WELDING RODS

Used in welding the pieces of Geomembrane sheets through the installation process.

